

Software Skills

Maya
Mental Ray
Blender
Cinema4D
Photoshop
Illustrator
Flash
After Effects
Unity3D
OsiriX
Chimera
MS Office

Coursework

Science:
Gross Anatomy
Neuroanatomy
(w/ dissection)
Physiology
Pathology
Histology
Embryology
Dev. Biology
Genetics
Chemistry

Surgical:
Observation
Techniques

Illustration:
Traditional
Digital

Experience

- Medical Animator.** Visual Health Solutions. Fort Collins, CO. 2012-Present
Involved in all aspects of production at a fast-paced, high volume animation studio. Create storyboards, animatics, model, animate, texture, light, composite and more.
- Medical Illustrator/Animator.** Dr. Cristian Stefan, Augusta University. Augusta, GA. 2011-2012
Produced a computer module, NeuroLogic: Interactive 4D Neuroscience, to teach clinical neuroanatomy and neurological assessment to medical students.
- Medical Animator.** Dr. Richard Cameron, Augusta University. Augusta, GA. 2011-2012
Developed a 3D animation, Parietal Cell: Gastric Acid Production, to teach graduate students the cellular and molecular mechanisms within parietal cells.
- Medical Illustrator.** Dept. of Surgery, Augusta University Augusta, GA. 2011-2012
Observed and illustrated surgical procedures including Cataract Extraction, Facial Nerve Graft with Free-Flap Gracilis Transfer, and Endoscopic Jones Tube Placement.
- Medical Illustrator/Animator.** Dr. Vishal Arora, Augusta University. Augusta, GA. 2011
Produced an animation detailing the steps of Cardiac Catheterization.
- Class President & Work Study Employee.** Medical Illustration Dept., Augusta University. Augusta, GA.
Represent and coordinate class activities. Archive gallery. 2010-2012
- Undergraduate Research Assistant.** Dr. Christopher Tuggle, ISU. Ames, IA. 2006-2010
Collected and analyzed porcine DNA to understand growth vs. differential feed intake. Sequenced and analyzed mollusk DNA to reveal evolutionary relationships.
- Teaching Assistant.** Dept. of Biology, ISU. Ames, IA. 2007
Helped instruct and grade the laboratory section of introductory biology
- Emergency Medical Technician & Patient Transporter.** MGMC. Ames, IA. 2006-2010
Provided life-saving support and drove the ambulance in a trauma response team.

Education

- M.S. in Medical Illustration,** Georgia Health Sciences University (GHSU). May 2012
B.A. in Biological/Pre-Medical Illustration, Minor in Biology, cum laude
Iowa State University (ISU). May 2010
Emergency Medical Technician- Basic, Mary Greeley Medical Center (MGMC). 2007

Selected Exhibitions, Publications, & Awards

- Vesalius Trust Scholars Session & Poster Presentations.** NeuroLogic. Toronto, ON. 2012
Association of Medical Illustrators Student Salon. Toronto, ON. 2012
Vesalius Trust Research Grant. NeuroLogic: Interactive 4D Neuroscience. 2012
Association of Medical Illustrators Student Salon. Baltimore, MD. 2011
UGA/GHSU Student Scientific & Medical Illustration Exhibit. Athens, GA. 2011 & 2012
Dean's Gallery of Medical Illustration, GHSU. Augusta, GA. 2011-2012
BPMI Boundary Waters Field Illustration Travelling Exhibit. Ames, IA & Ely, MN. 2011
Weed Identification Field Guide. Plant Pathology, ISU Extension. Ames, IA. 2010
Genetic Relationships between Nicaraguan and North American Mussels.
Research Symposium & Research at the Capitol. Ames & Des Moines, IA. 2007
Dean's List & President's Award for Competitive Excellence. ISU. 2005-2009

Professional & Extracurricular Activities

- Golden Key International Honor Society,** Member. 2009-Present
National Society of Collegiate Scholars, Member. 2005-Present
Association of Medical Illustrators, Member. 2011-2013
Biomedical Visualization Interest Group, Founder & President. 2011-2012
Boundary Waters Field Illustration Seminar, ISU. 2010
Biological/Premedical Illustration Club, ISU. Member. 2008-2010