

SKILLS

Visual Communication
Art Direction
Mentoring
Illustration
Style Matching
Sketching
Collaboration
Storyboarding

SOFTWARE

Adobe Creative Suite

Illustrator
Photoshop
After Effects
InDesign
Bridge
Premier Pro

3D Modeling

Cinema 4D
Autodesk 3D Studio Max
Mudbox
Right Hemisphere

SYSTEMS

Windows
MAC

TRADITIONAL

Pen & Ink
Graphite
Watercolor
Acrylic
Oil

OTHER

Audacity Sound Design
Ceramic Sculpture
Mural artist

ILLUSTRATION EXPERIENCE

Senior Medical Illustrator, Healthwise Inc. 2019- Present

- Lead project management, art direction, and client communication, overseeing a
- comprehensive atlas of 2,000+ medical illustrations
- Mentor and train new artists in style matching, file management, and workflow
- Consult on data asset management, developing effective metadata structure
- Authored and maintain the Healthwise Medical Illustration Style Guide
- Discovery and research for new visual styles

Community Artist in the Parks, Arches and Canyonlands National Parks, 2020

- Illustrated desert flora, fauna and landscapes as part of the Interpretive team

Medical Illustrator, Healthwise Inc. 2016- 2019

- Create patient education illustration to support Healthwise's products and convey complex medical concepts to a lay audience
- Collaborate with doctors, medical professionals, writers and editors
- Style matching and quality control across medical illustration atlas

Biomedical Illustrator and Visual Storyteller, 2008-2017

- Created illustrations, animations, infographics, and designs communicating intricate scientific and technical subjects to diverse audiences
- **Selected Clients:** Elsevier Science, The Cleveland Clinic Foundation, Kenhub Anatomy, University Hospitals of Cleveland, The Utah Museum of Natural History, The Case Western Reserve University Center for Global Health and Disease

Instructional Media Specialist, Monarch Teaching Technologies, 2010-11

- Instructional illustration and database maintenance for VizZLe® learning software
- Technical support and librarian for the Monarch Center for Autism

Intern, The Cleveland Clinic Foundation, Dept. of Medical Illustration, 2008

- Cardiac and surgical illustration for patient education

Laboratory Technician, The Cleveland Museum of Natural History 2005-2008

- Monitored invasive species, taxonomic identification, entomological dissection,
- specimen preservation and zoological illustration

AWARDS

Digital Health Awards in Illustration: Silver. Learning About Take-Home Naloxone Kits for Opioid Emergencies. 2023

Digital Health Awards in Illustration: Gold. Learning about Breast Cancer Surgery. 2022

Digital Health Awards in Illustration: Bronze. Learning about Pancreatitis in Children. 2022

Art Exhibits Gallery Moab, November 2023
Featured Artist Gallery Moab, October 2020

Contributing Artist The Canyonlands Field Airport, 2024
The Canyonlands Field Airport, 2012-2022
The Moab Arts and Rec Center, Climate in Change, 2021
Arches National Park, Permanent Collection, 2021
Association of Medical Illustrators Conference Salon, 2020

Education Bachelor of Arts, **Case Western Reserve University**, Cleveland, OH. Dean's Approved in Biomedical Art and Illustration. 2009

Biomedical Art Major Coursework, **The Cleveland Institute of Art**. Cross-Registered Student, Cleveland, OH. 2007-2009

Foundations Coursework, **The Cleveland Institute of Art**. Cross-Registered Student, Cleveland, OH. 2005-2006

Research **BA Thesis in Biomedical Art**, The Cleveland Museum of Natural History, 2009

- Researched and produced educational animation on Tyrannosaur growth for museum audience

Biology Independent Research, The Cleveland Museum of Natural History, 2008

- Entomological dissection and illustration of new insect species

West Nile Virus Research, The CWRU Dept of Global Health and Disease, 2003-2004

- Assessment of permethrin resistance in mosquitoes and relevance to controlling the spread of West Nile Virus

ILLUSTRATIONS IN SELECTED PUBLICATIONS

Textbooks **Kenhub Atlas of Human Anatomy**
Contributing Illustrator M Pascoe PhD., Kenhub GmbH, 2023.

Vertical Aid: Essential Wilderness Medicine for Climbers, Trekkers, and Mountaineers
SC Hawkins MD, BR Simon RN, JP Beissinger MS PA-C, D Simon RN. Countryman Press, Woodstock, VT. 2017.

Wall & Melzack's Textbook of Pain, 6th Ed.
S McMahon PhD, M Koltzenburd MD, IT DPhil, DC Turk PhD., Elsevier, Saunders, Philadelphia, PA. 2013.

The Interventional Cardiac Catheterization Handbook, 3rd Ed.
MJ Kern MD. Elsevier, Saunders, Philadelphia, PA. 2012.

Physical Rehabilitation of the Injured Athlete: Expert Consult 4th Ed.
JR Andrews MD, JL Harrelson EdD ATC, KE Wilk PT DPT., Elsevier, Saunders, Philadelphia, PA. 2012.

Hematology: Basic Principles and Practice, 6th Ed.

R Hoffman MD, EJ Benz Jr. MD, LE Silberstein MD, H Heslop MD, J Weitz MD, J Anastasi MD., Elsevier, Saunders, Philadelphia, PA. 2012.

Benumof and Hagberg's Airway Management, 3rd Ed.

C Hagberg MD. Elsevier, Saunders, Philadelphia, PA. 2012.

Problem Solving in Radiology: Cardiovascular Imaging, 1st Ed. Elsevier

S Abbara MD, SP Kalva MD., Saunders, Philadelphia, PA. 2012.

Medical Terminology for Health Professions, 7th Ed.

A Ehrlich, CL Schroeder. Delmar, Clifton Park, NY. 2012.

Books The Crack Climber's Technique Manual: Jamming with Finesse

Primary Illustrsator K Pease. Fixed Pin Publishing. 2015.

Covers A topical Issue: NMR investigation of molecular dynamics.

AG Palmer. The Journal of Biomolecular NMR, Vol 45:1-2. Springer Science. 2009.

Publications Injuries and Medical Advice: Wirst Pain.

J Saunders MD, Climbing Magazine. 2023.

Malaria diagnosis for malaria elimination.

PA Zimmerman, RE Howes. Current Opinion in Infectious Diseases. 2015 Oct;28(5):446-54. doi: 10.1097/QCO.000000000000191.

Dropout and re-enrollment: implications for epidemiological projections of treatment programs.

DJ Klein, A Bershteyn, PA Eckhoff. AIDS Journal. 2014 Jan:28 Suppl 1:S47-59. doi: 10.1097/QAD.0000000000000081.

A remarkable short-snouted horned dinosaur from the Late Cretaceous (late Campanian) of southern Laramidia.

SD Sampson, EK Lund, MA Loewen, AA Farke, KE Clayton. Proceedings of the Royal Society, Vol 280 no. 1766. 2013

Red blood cell polymorphism and susceptibility to Plasmodium vivax.

PA Zimmerman, MU Ferreira, RE Howes, OM Puijalon. In Advances in Parasitology- The epidemiology of Plasmodium vivax: history, hiatus and hubris (vol 80). Eds. SI Hay, RN Price, K Baird. Elsevier, London. 2012.

A malaria transmission-directed model of mosquito life cycle and ecology.

P Eckhoff. Malaria Journal 10:303. Biomed Central Ltd. 2011.

Laparoendoscopic Single-Site Nephrectomy: Initial Clinical Experiences in Children.

GJ Vricella MD, JH Ross MD, S Vourganti MD, EE Cherullo MD. Journal of Endourology. 2010.