

## ABOUT

Product developer experienced as an individual contributor and cross-functional management able to drive and execute technically complex applications in the healthtech industry. Dedicated to examining and optimizing communication strategies for the effective dissemination of knowledge. Excited to apply multi-disciplinary skills acquired in a startup environment.

## SKILLS

### Technical Specialties

Agile & Hybrid methodologies  
Animation  
Client relationships  
Cross functional management  
Data entry  
Data management  
Illustration  
Instructional design  
Interactive design  
People management  
Project management  
Project planning  
Medical education  
Medical research  
Scrum  
Storyboarding  
Surgical training  
User experience  
VR Design  
VR Development

### Software

AI  
Adobe CC  
Airtable  
Axure  
Atlassian Jira  
Atlassian Confluence  
Figma/Figjam  
Google Workspace  
Microsoft Excel  
Microsoft Word  
Miro  
Maya  
Unity  
ZBrush

### Subject Specialties

Anatomy  
Clinical research  
MCAT  
Medical device  
NCLEX  
Orthopedic medicine  
Pathology  
Physiology  
Surgery  
USMLE

# Kari Opert, CMI

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Seeks measurable iterative improvement • Builds culture of psychological safety • Adaptable • Efficacious communication • Makes knowledge accessible

## EXPERIENCE

### Osso VR

#### Manager, Content Production

2022-2025

Medical Illustrator

2021-2022

Associate Medical Illustrator

2019-2021

- Achieved a 93% on-target completion rate and above 90% quality score for VR builds across all projects managed in 2023.
- Reduced average project timelines from 14+ months to 9 months.
- Lead end-to-end visual design, content development, and production of highly accurate VR surgical procedures for enterprise medical device clients; managing up to 7 projects concurrently.
- Conduct user-centric design discovery sessions and develop technical design plans; breaking down complex surgical procedures into a series of steps translatable to VR educational design.
- Led iterative design review sessions at key development milestones with client teams and internal stakeholders to deliver full educational accuracy, and end-user value.
- Adaptive to changing client and internal needs and resourcing.
- Contributed to company goal of "remove friction and create capacity" by reducing interdepartmental communication friction and errors via development of a unique VR storyboard strategy.
- Collaborate throughout the development process with cross-functional partners across Product, Art, Engineering, Platform, Unity Developers, QA, and Client Services.
- Manage up to 7 staff members at a time spanning across Medical Illustration, Organic Art, and Hard Surface Art. Guided professional development, coaching on design scoping, management of tasks using Agile and hybrid methodologies, and assigning company driven initiatives in alignment with individual skills and goals.
- Capable in individual contributor and management roles.
- Start up company, approximately 20 employees at my start with a max of 200.

### UWorld

#### Medical Illustrator

2016-2019

- Collaborated with clinical subject matter experts and conducted independent research to create medical and biological illustrations.
- Learned new 3D software and pioneered incorporation of 3D elements for use in 2d illustration to allow for rapid iteration and the creation of a library of reusable assets increasing department efficiency.
- Content covered a range of material spanning USMLE, NCLEX, and MCAT.
- Consistently met or exceeded monthly productivity and quality standards.

### Freelance

#### Medical Illustrator

2015-2016

- Freelance work for a variety of clients including physicians, publishing departments, and PhDs for use in publications, grant and other funding applications, and presentations of work and research.
- Created a 2D animation, 2D and 3D illustrations for both print and digital output.

## HONORS & AWARDS

Award of Merit, Professional  
Didactic/Instructional, AMI Salon

Award of Merit, Student  
Didactic/Instructional, AMI Salon

Bodian Art Scholarship, Johns  
Hopkins School of Medicine

Leon Schlossberg Scholarship,  
Johns Hopkins School of Medicine

William P. Didusch Scholarship,  
Johns Hopkins School of Medicine

## EXPERIENCE (cont.)

### JHU Center for Immunization Research

#### Research Program Supervisor

Research Program Supervisor

Research Program Assistant II

Research Program Assistant I

2011-2014

2013-2014

2011-2013

2011

- Assisted with phase 2 clinical trials primarily Flavi Virus and mucosal vaccines and challenges NIH contracts.
- Handled recruitment, data recording and management, QA and QC, capturing vitals, specimen processing and prep, proctoring consent protocols, management of appointments, assembled annual and semi annual department reports.
- Public trust security clearance.
- Managed 3 people.

### Rubin Institute for Advanced Orthopedics

#### Publishing Internship

2009

- Worked in the Publication Department creating internal conference materials and materials for the orthopedic unit's involvement with Operation Rainbow including an illustration on club foot wrapping technique for non-invasive intervention.

## PROFESSIONAL ASSOCIATIONS

2014-Present Association of Medical Illustrators

2025-Present Project Management Institute

## EDUCATION

2014-2016

### Johns Hopkins University School of Medicine

M.A. Medical and Biological Illustration / Baltimore, MD

Masters Thesis: A Comprehensive and Sensitive Approach to Rapid Autopsy

Education Via a Web-Based Interactive

2010-2012

### Towson University

Scientific Coursework / Towson, MD

2007-2011

### Maryland Institute College of Art

B.F.A. Drawing, Art History Minor / magna cum laude / Baltimore, MD

## PUBLICATIONS

Durbin AP, Kirkpatrick BD, Pierce KK, Carmolli MP, Tibery CM, Grier PL, Hynes N, Opert K, Jarvis AP, Sabundayo BP, McElvany BD, Sendra EA, Larsson CJ, Jo M, Lovchik JM, Luke CJ, Walsh MC, Fraser EA, Subbarao K, Whitehead SS. A 12-Month-Interval Dosing Study in Adults Indicates That a Single Dose of the National Institute of Allergy and Infectious Diseases Tetravalent Dengue Vaccine Induces a Robust Neutralizing Antibody Response. The Journal of Infectious Diseases, 2016 Feb 16 PMID: 26908742