

BETSY SKRIP

A passion for science, art, and imagination

erskrip@gmail.com

www.betsyskrip.com

WORK EXPERIENCE

- 2015 - Present **Science Visualization Specialist**
MIT Center for Biomedical Innovation (CBI)
Develop illustrations for presentations, grant proposals, and online courses; design promotional materials and websites; lead illustrator, animator, and video editor for online course The Principles of Biopharmaceutical Manufacturing
- 2014 - 2015 **Science Visualization Specialist**
MIT Office of Digital Learning
Illustrator and animator for online courses
- 2012 - 2014 **Science Illustrator and Animator**
MIT ARTEMiS (Art for Engineering Mathematics & Science)
Created illustrations, animations, and Unity games for MIT classes in geology, astrophysics, and physics
- 2011 - Present **Freelance Medical & Science Illustrator/Animator**
Vanderbilt University Medical Center, Perlara,
Boston Children's Hospital, Boston Center for Blistering Disease,
Jones & Bartlett Learning
- 2008 - 2012 **Medical Illustrator and Animator**
Custom Learning Designs
Created illustrations, animations, and interactivities used in print and online training materials for pharmaceutical sales representatives

EDUCATION

- 2008 **MFA Medical Illustration**
Rochester Institute of Technology
- 2006 **BS Biology (*summa cum laude*)**
The College of New Rochelle
Minors in Art and Chemistry, Honors Program

MEMBERSHIPS

- 2011 - Present **Association of Medical Illustrators**
Professional Member

PUBLICATIONS

- *Lab on a Chip* (cover - December 7, 2017)
- *Science Translational Medicine* (cover - September 14, 2017)
- *Nano Letters* (cover - October 2015)
- *Nano Letters* (cover - January 2014)

PRESENTATIONS

- Scientific Visualization in Online Education: 10.03x The Principles of Biopharmaceutical Manufacturing
- 2016 BioCommunications Association Annual Meeting
 - 2016 Association of Medical Illustrators Annual Meeting

SOFTWARE PROFICIENCIES



Illustrator



Photoshop



AfterEffects



Premiere



InDesign



Maya

Additional experience using Unity and Mudbox

SKILLS

Digital and Print Proficiency

Experience creating work for digital (PPT, web, email, animation) and print (flyers, posters, journal covers)

3D Visualization

Modeling, texturing, lighting, rigging, and animation using Maya; proficient with Molecular Maya and dsDNA toolkit

Familiarity with Production Workflows

Routinely work on all stages of production, from editing a script and storyboarding through to final product

Project Management

Experience leading a team, creating and maintaining schedules, and communicating with clients

HONORS

2015 BioImages **BCA Medical Education Award - Motion Media** and **Motion Media: Video Citation of Merit** for Structure of DNA animation

Art selected in **Digital '09 Mysteries in Science: Art and Science Collaborations (ASCI) 11th International Digital Print Competition and Exhibition**; featured at:

- The Royal Institution of Australia
- Packer Collegiate Institute
- New York Hall of Science

INTERESTS

Science fiction, board and video games, escape room games, kickboxing