

ZIPORAH THOMPSON

BIOMEDICAL COMMUNICATOR

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EDUCATION

MASTER OF ARTS IN

MEDICAL AND BIOLOGICAL ILLUSTRATION 2016–2018
Johns Hopkins University School of Medicine,
Department of Art as Applied to Medicine, Baltimore, MD
*Thesis: Communicating the Iterative Spiral Model of Healthcare
Innovation Using Narrative Animation*

PAINTING CONCENTRATION 2014–2016
Schuler School of Fine Arts, Baltimore, MD

BACHELOR OF SCIENCE IN NEUROSCIENCE 2010–2014
Brandeis University, Waltham, MA
GPA: 3.57

SKILLS

TRADITIONAL

Graphite, Charcoal, Carbon dust, Colored pencil,
Pen and ink, Watercolor, Oil paints

DIGITAL

Adobe CC Suite, Pixologic zBrush, Maxon Cinema 4D,
Osirix/Horos, Microsoft Suite, Google Suite, WordPress,
TVPaint, PyMol

SCIENTIFIC

Human anatomy and physiology, Molecular and cellular
biology, Ecology, Behavioral Neuroscience, Neuroplasticity,
TMS brain stimulation, IRB protocol maintenance

AWARDS

VESALIUS TRUST RESEARCH GRANT 2018
Association of Medical Illustrators

WILLIAM P. DIDUSCH SCHOLARSHIP 2016–2018
Johns Hopkins University School of Medicine

PROGRAM FOR CONTINUING EDUCATION GRANT 2016
PEO Maryland Chapter

JULIA MANASTER & SARAH M. SOLOMON 2013–2014
SCHOLARSHIP
Brandies University

ALUMNI AND FRIENDS SCHOLARSHIP 2011–2012
Brandeis University

PUBLICATIONS

Keller, J. L., Fritz, N., Chiang, C. C., Jiang, A., **Thompson, T**
Cornet, N., et al. (2015) Adapted Resistance Training Improves
Strength in Eight Weeks in Individuals with Multiple Sclerosis.
Journal of Visualized Experiments, e53449, doi:10.3791/53449.

Cantarero G, Spampinato D, Reis J, Ajagbe L, **Thompson T**,
Kulkarni K, Celnik P. (2015) Cerebellar Direct
Current Stimulation Enhances On-Line Motor Skill
Acquisition through an Effect on Accuracy. *Journal of
Neuroscience*;35(7):3285-3290.

DESIGN EXPERIENCE

MEDICAL ANIMATION SCRIPT WRITER PRESENT

Rendia, Baltimore, MD
Researching content and developing scripts for patient
education animations.

MEDICAL ILLUSTRATOR AND ANIMATOR 2018–PRESENT

Sloan Kettering Memorial Cancer Center, New York, NY
Developing scientific figures, illustrations, and animations for
publication to both physician and patient audiences.

ANIMATION PRODUCTION DESIGNER 2018–PRESENT

MedBridge Inc, Seattle, WA
Creating storyboards and final assets for animation in medical
continuing education material. Clarity and intrigue are
prioritized in order to best supplement understanding.

ANIMATOR 2018

Johns Hopkins University, Center for Bioengineering,
Innovation and Design, Baltimore, MD
Spearheading the creation of a 6-minute animation which
describes an educational model for navigating innovation in the
healthcare industry, using pressure sores as a clinical example.

SURGICAL ILLUSTRATOR 2017

Johns Hopkins Hospital, Baltimore, MD
Observed, developed and presented a series of surgical
illustrations with a variety of surgeons, including: partial
glossectomy; brachial plexus decompression; partial
nephrectomy; and ACL reconstruction.

BIOLOGICAL ILLUSTRATOR 2017

National Aquarium, Baltimore, MD
Illustrated body condition scoring for Kemp's ridley sea turtles,
distributed nationally to research and rehabilitation facilities.

MEDICAL ANIMATOR 2017

Johns Hopkins Hospital, Department of
Gastroenterology and Hepatology, Baltimore, MD
Narrated, illustrated and animated an animation to educate
patients on ileo-anal pull-through (J-Pouch) procedures.

RESEARCH EXPERIENCE

RESEARCH MANAGER 2014–2016

Johns Hopkins Medical Institutions, Human Brain
Physiology and Stimulation Lab, Baltimore, MD
Maintained IRB protocols, conducted research, developed lab
website, and created illustrations for publication.

RESEARCH INTERN 2012–2014 (SUMMER)

Edgerton Neuromuscular Research Laboratory,
University of California, Los Angeles, CA
Studied effects of spinal stimulation on bipedal locomotion in
rats, provided animal training and post-surgical care.

ASSOCIATIONS

ASSOCIATION OF MEDICAL ILLUSTRATORS 2017–PRESENT
Professional member

SHAKESPEARE CLUB, BRANDEIS UNIVERSITY 2013–2014
Secretary