Mesa Schumacher

M — S A

EDUCATION

2015 **Johns Hopkins University School of Medicine**, Baltimore, MD
M.A. Medical & Biological Illustration   Thesis:The 3D Knee: Visualization Strategies for Real Data from 3D Magnetic Resonance Neurography

2012 **GAGE Academy of Art Seattle**, Seattle, WA
Fine art coursework

2012 **University of Washington**, Seattle, WA
Graduate Certificate, Scientific Illustration

2008 **Stanford University**, Palo Alto, CA
B.A. Physical Anthropology, concentration in Anatomy

SELECT EXPERIENCE

2007- **Mesa Studios LLC, Seattle WA**
Full service science, medical and info visualization studio

2015-16 **Research Square, (remote) North Carolina**
Animator, voiceover artist for 2D scientific animation company

2013- **National Geographic Magazine Art Department**, Washington, DC
Graphics researcher: Design stories concept, content, and layout.

2012-13 **National Geographic Magazine Art Department**, Washington, DC
Art Intern: graphic stories, illustrations, layout and interactives.

2012 **Smithsonian National Museum of Natural History**, Washington, DC
Illustration Intern: illustrated specimens and concepts.

2012 **Las Cuevas Archaeological Project**, Belize
Archaeological illustrator: reconstructive and specimen illustration.

2009-11 **Çatalhöyük Research Project,** Turkey
Archaeological illustrator: reconstructive and specimen illustration.

2007-10 **Huntington's Outreach Project for Education at Stanford**, Menlo Park, CA *Scientific artist: Huntington's disease patient education.*

SELECT AWARDS

2018 First Prize Winner in Surgical Specialties, 2018 BMA Medical Book

2014-18 Society for News Design Awards

2016-18 Malofiej Infographic Awards

2015 Guild of Natural Science Illustrators First place, B&W illustration

2015 Vesalius Trust Research grant

2014-15 **Ranice W. Crosby Scholarship,**   Johns Hopkins, Academic

2014-15 **Leon Schlossberg Scholarship,** Johns Hopkins, Academic

2014,15 **Association of Medical Illustrators,** Award of Merit

2014 **Chester Reather Scholarship**
Johns Hopkins University, Photographic Scholarship Award

2014 **CaGIS 41st Map Design Competition**
Honerable mention, Thematic category

2014 **International Society for News Design**,
Silver, Digital Feature Article

2013-14 **William P. Didusch Scholarship,** Johns Hopkins, Academic

INVITED PRESENTATIONS

2012, 2018 Smithsonian National Museum of Natural History, GNSI

2015 Digital Sculpture for the Natural Science Artist, GNSI Conf.

2012- (Invited) Commencement Speaker U of WA Continuing Studies, WA

2010 Artist Talk, GAIA Gallery, Gwangju, South Korea

PROFICIENCIES

2D and 3D illustration
2D & 3D animation
Art direction/design
Storyboarding and concepting
Scriptwriting and narration
Photography
Scientific writing

SOFTWARE

Adobe Photoshop, Illustrator, InDesign, After Effects, and Audition. Cinema 4D, Zbrush, Corel, Microsoft Suite, Unity 3D, OsiriX,

PROF. ASSOCIATIONS

Certified Medical Illustrator Association of Medical Illustrators (2012-)
Guild of Natural Science Illustrators (2009-)

SELECT CLIENTS

National Geographic
Scientific American
The Scientist Magazine
Oxford University Press
Fred Hutch Cancer Research
National Aquarium
National Geographic
National Zoo
Oxford University
Museum of Natural History
Stanford University
University of Washington
USDA Dept. of Entomology

RECENT BOOK PROJECTS

Color Atlas of Brainstem Surgery, Tieme, 2017

Koppert Biology Insects, 2017

Backyard Guide to Insects and Spiders, NG Books, 2017

Best American Infographics 2016

National Geographic Infographics 2016

National Geographic Pristine Seas,, 2015

National Geographic Illustrated Guide to Wildlife, 2014