



JARED TRAVNICEK
Medical & Scientific Illustration

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EXPERIENCE

Goodman Campbell Brain and Spine - Medical Illustrator

2009 - present, Indianapolis, IN

Working closely with neurosurgeons in and out of the operating room to create highly detailed and accurate illustrations describing complex neurosurgical techniques.

Rolin Graphics Inc. - Illustrator

2005 - 2007, Minneapolis, MN

Created illustrations in a variety of subject areas, including scientific, medical, surgical, mechanical, and children's. Designed page layouts, postcards, flyers, logos, and color palettes for textbooks and pamphlets. Worked in a variety of media ranging from traditional to digital, including vector and raster formats.

Iowa State University School of Veterinary Medicine - Illustrator

2003 - 2004, Ames, IA

Created anatomical, cellular, and structural pen and ink illustrations to accurately communicate physiological and neurological concepts and experiments.

National Aquarium Baltimore - Illustrator

2008, Baltimore, MD

Researched and illustrated the external and internal anatomy of the striped bass for a dissection guide used in high school advanced biology courses.

Max Delbrück Center for Molecular Medicine - Illustrator

2005, Berlin-Buch, Germany

Collaborated with neural stem cells researchers to create an illustration for a book cover describing cell migration in mouse neurogenesis. Kempermann G. (2006) *Adult Neurogenesis: Stem Cells and Neuronal Development in the Adult Brain*. New York; Oxford University Press.

EDUCATION

The Johns Hopkins University School of Medicine, Baltimore, MD

MA, Medical and Biological Illustration, 2009

Iowa State University, Ames, IA

BA, Biological and Pre-Medical Illustration, 2004

SKILLS

Digital Media

Photoshop, Illustrator, After Effects, Flash, InDesign, Acrobat, Corel Painter, 3D Studio Max, Cinema 4D, Osirix

Traditional Media

Airbrush dust, carbon dust, graphite, pen and ink, watercolor

Scientific Expertise

Anatomy, physiology, histology, cell biology, chemistry, molecular biology

HONORS

Association of Medical Illustrators Award of Excellence, Instructional Color, 2009

Association of Medical Illustrators Award of Merit, Projection Media, 2009

Vesalius Trust Research Grant for Interactive Teaching Module, 2009

Chester Reather Award for Innovative Use of Digital Imaging, Johns Hopkins University School of Medicine, 2009

Belknap Scholarship, Johns Hopkins University School of Medicine, 2008 - 2009

Buchwald Scholarship, Johns Hopkins University School of Medicine, 2008 - 2009

William P. Didusch Scholarship, Johns Hopkins University School of Medicine, 2007 - 2009

Association of Medical Illustrators Award of Excellence, Continuous Tone, 2008

EXHIBITIONS

Association of Medical Illustrators Annual Salon, Richmond, VA, 2009

Science Agora exhibit at Miraikan, Tokyo Academic Park, Tokyo, Japan, 2008

Association of Medical Illustrators Annual Salon, Indianapolis, IN, 2008