



sara j cary illustrations + photography

images of science and nature

408.892.8058

saraj@sarajcary.com

sarajcary.com

Education

- 07.2013 Certificated Marine Naturalist
Whale Museum – Friday Harbor, Washington
- 06.2006 Graduate Certification in Science Illustration
University of Washington – Seattle, Washington
- 06.2004 Bachelors of Arts in Neuroscience and Behavior
University of California – Santa Cruz, California

Continuing Education

- 11.2013 Mixed Media: How to Create Richly Detailed Art
- 04.2013 Silverpoint: a Renaissance Technique for Artists
- 02.2013 Sculpting form Sketching
- 10.2012 Drawing on Nature: Butterflies (and other insects) Under the Scope
- 06.2012 How to Draw Baskets, Workshop with Margaret Davidson
- 01.2011 Drawing Botanical Subjects from the Wild
- 05.2010 Watercolor Dry-Brush Techniques Workshop
- 08.2009 Parallel Line Shading
- 07.2009 Travel Journaling
- 06.2009 Illustrator's Dragonfly Workshop

Professional and Technical Skills

Mediums: Colored pencil, pen & ink, graphite, acrylic, water color, Adobe Creative Suite, PC, Macintosh, DSLR

Subjects: Laboratory animals (*Mus musculus*, *Rattus norvegicus* and others species), marine invertebrates, insects, plants and other subjects of the natural world.

Professional Experience

- 03.2014 – ongoing **Article Illustrator**
Carnegie Mellon University – Hinman Lab
· Vector illustrations of gene expression pattern over time in seastar blastocysts.
- 10.2009 – ongoing **Article and Presentation Illustrator**
Fred Hutchinson Cancer Research Center – Brent Lab
· Vector illustrations of research subjects pertaining to DNA, yeast, nematodes, and cell signalling.
- 02.2013 – 2.2014 **President**
Guild of Natural Science Illustrators – Northwest
· Chairperson of the Executive Committee.
· Coordinated workshops.
· Ran board meetings, workshops, and other guild events.
· Primary chapter contact person.
· Maintained website.
- 08.2013 – 12.2013 **Information Signage Illustrator**
Sea Grant – Pacific Northwest
· Created sketches of pacific northwest beaches to be used as signage to educate the public.
- 01.2013 – 04.2013 **Sundew Plant Illustration**
Private Collector
· Researched *Drosera capensis* (Cape Sundew).
· Watercolor illustration examining the whole specimen along with the physical characteristics of its leaves and flowers.
- 01.2011 – 12.2012 **Logo Designer and Illustrator**
Guild of Natural Science Illustrators – Northwest
· Various illustrations for use by the GNSI NW
- 10.2011 – 11.2011 **Logo Designer and Illustrator**
Washington Public Education Foundation
· Vector illustration created to represent “education support”



sara j cary
408.892.8058
saraj@sarajcary.com
sarajcary.com



- 03.2008 – 08.2012 **Newsletter and Article Illustrator**
Earthcore/Seattle Urban Nature
· Color pencils illustrations representing Madrone and Hemlock urban habitats of the Pacific Northwest
- 11.2010 – 06.2011 **Book Chapter Illustrator**
Comparative Anatomy & Histology: A Mouse and Human Atlas
· Vector images of scientific concepts comparing rodent and primate central nervous system structure.
· Researched new data and utilized old images
· Create novel illustrations of a mouse version or the homunculus (musunculus), both sensory and motor
- 10.2008 – 3.2009 **Wedding Invitation Designer and Illustrator**
Wedding of May and Ian Robertson
· Color pencil and watercolor illustrations of koi and lotuses.
· Design and layout.
- 10.2007 **Memorial Program Designer and Illustrator**
Kathey Young-Berg
· Color pencil illustrations of various natural items found in the riparian habitat of the Pacific Northwest.
- 08.2007 **Wedding Invitation Designer and Illustrator**
Alison and Tory O'Donnell
· Colored pencil illustrations of dahlias.
· Design and layout.
- 06.2007 **Article Illustrator**
Alaska Ocean Observing System
· Pen and ink illustration of wave action in the intertidal.
- 02.2007 – 01.2008 **Newsletter Illustrator**
Raisbeck Engineering
· Vector illustrations of various aerospace concepts.

Teaching

- 2012 Introduction to Science Illustration
2012 SED Labs – Story Telling Through Art

Residences

- 2014 **Art Farm**
· To be determined.
- 2014 **Helen Riaboff Whiteley Center**
· Researched *Pugettia gracili* (Graceful Kelp Crab).
· Watercolor illustration of the crab and decoration mediums.
- 2010 **The Huyck Preserve “Community . Environment . Art – Natural History Artist-in-Residency”**
· Researched the weevil and *Quercus rubra* (Northern Red Oak Tree).
· Colored pencil illustration the relationship between the weevil and the oak tree's acorn.

Exhibitions

- 2014 **Mount Desert Island Biological Laboratories – Bar Harbor, Maine**
“Art Meets Science”
- 2011 **Evergreen Gallery, Evergreen State College – Olympia, Washington**
“Guild of Natural Science Illustrators Annual Members Exhibit”
- 2011 **Confluence Gallery – Twisp, Washington**
“Birds, Bees, and Buds. Intimate Portraits of Flora and Fauna”
- 2010 **Brotman Building, University of Washington – Seattle, Washington**
“Images of Science and Nature”
- 2010 **D. H. Hill Library Exhibit Gallery – North Carolina State University**
“Guild of Natural Science Illustrators Annual Members Exhibit”
- 2008 **Seward Park Environmental & Audubon Center – Seattle, Washington**
“Images of Science and Nature”



sara j cary
408.892.8058
saraj@sarajcary.com
sarajcary.com



- 2007 **Tougo Coffee Company** - Seattle, Washington
"Illustrating Nature"
- 2006 **The Little Red Studio** - Seattle, Washington
"Rock, Paper, Scissors"
- 2006 **The Burke Museum of Natural History and Culture** - Seattle, Washington
"Illustrating Nature"
- 2006 **The University of Washington Student Center** - Seattle, Washington
"From Subject to Science"
- 2006 **Compass Rose Gallery** - Olympia, Washington
Olympia Art Walk

Memberships

- 02.2014 - on going Pittsburgh Society of Illustrators
04.2009 - 03.2014 Guild of Natural Science Illustrators - Northwest
01.2010 - 02.2014 Guild of Natural Science Illustrators, Inc.

Bibliography

- Hagan, C.E., Bolon, B., Keene, C.D. (2011). Nervous System, Treuting, P.M. and Dintzis S.M., eds., Comparative Anatomy and Histology: A Mouse and Human Atlas. London, UK: Academic Press, . 3, p. 339-394
- Brent, R. (Dec 2009). Cell signaling: What is the signal and what information does it carry? FEBS Letter 583 (24), 4019-4024 Systems Biology - Nobel Symposium 146
- Schoch, G.C., Adams, P.N., Dethier, M.N., and Fradkin, S., Biophysical coupling on wave dominated shores: Evidence of secondary production enhanced by nearshore subsidies. Marine Ecology Progress Series. in review
- Salisbury, N., Elman, E., "The State of Seattle's Conifer Forests". Seattle Urban Nature. Seattle, WA. 2009.
- Salisbury, N., Elman, E., "The State of Seattle's Madrone Forests". Seattle Urban Nature. Seattle, WA. 2008.
- Bherd Studios. February 20, 2008. Speak and Bherd - Seattle Urban Artist. <http://speakandbherd.blogspot.com/2008/02/sara-samuelson-seattle-artist.html>.
- Barringer, S. (February 2007). The Remarkable Raisbeck Re-Contoured Trailing Edge Flap System. Radial - Raisbeck Learjet Newsletter. Vol. 2, No. 1.
- Walker, S 'Dreamie'. Welcome to Illustrating Nature.com! Artist Specializing in Scientific Accuracy. <http://www.cs.albany.edu/~davanzo/IllustratingNature/temp/index.html>. 2006