**Amanda Zimmerman**

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**412-398-1999, 412-492-8104**

[Scientific Illustration Website](http://salamandaz42.wix.com/sciart)

[Graphic Design Website](http://salamandaz42.wix.com/azimmerman-gd#!maps-charts-and-graphs/c1137)

* Adapt at prioritizing assignments, scheduling production dates   
  and ensuring deadlines are meet
* Over twelve years experience working with typography, layout design,   
  graphs and charts
* Skilled in verbal and written communications
* Comfortable working with colleagues to develop visuals that accurately communicate   
  a concept or a series of ideas
* Pro with Adobe design software: Illustrator, Photoshop, InDesign, Dreamweaver,   
  Flash, and Acrobat
* Exacting eye for detail, high quality standards and rigorous adherence   
  to brand guidelines and internal style guides
* Well versed with creating and modifying vector art
* Knowledgeable with raster graphics creation and manipulation
* Proficiency in MS Office including Word and PowerPoint
* Knowledgeable of MAC and Windows media file format

Work History Highlights

Fused Jaw.com

Freelance Illustration

Summer 2015

* Derived from reference material the internal structure of seahorse’s snout and using Adobe Illustrator vector art created a line drawing highlighting the critical elements of anatomy that play a part in ‘weak snick’ disease

Project Seagrass

Freelance Illustration

Summer 2015

* Researched key commercial species of North Atlantic’s sea grass beds and using traditional and digital illustration techniques (Adobe Photoshop) created informational piece for web to educate general public on the importance of these habitats.
* Main species illustrated: *Atlantic Cod (Gadus morhua), Atlantic Pollack (P. pollachius), Atlantic Plaice (Pleuronectes platessa), Atlantic Herring (Clupea harengus)*

**Stories in the Rocks: Exploring Saudi Arabian Rock Art (Aabar Hareme)**

Freelance Illustration

Spring 2015

* Accessing various methods of imagery technology, I was able to isolate petroglyph information form rock formation and create digital stippled illustration in Corel Painter and Adobe Photoshop for use in book and website

Mangroves: Shelter from the Seas

Freelance Illustration

Spring 2015 - Spring 2015

This is an ongoing personal project.

* Researched mangrove ecosystems, conservation, plant and animal interconnectivity dialogue, unique survival adaptations and key mangrove species around the world.
* Rendered scientific illustrations and field guide sketches that depict and reflect the book narrative. Illustrations bring the reader right into the mangrove forests to expreience the intricate web of life.
* Currently in the process of pitching 50 plus page educational book to publishers

“Try It” Flashcards for Roads to Arabia Exhibit

Freelance Illustration

Fall 2014

* Using Corel Painter and Adobe Photoshop illustrated and developed flashcards for interactive “search and find” game at exhibit; matching animal illustrations with petroglyph drawings

**Creative Products International**

Freelance Illustration

Summer 2014

* Using traditional watercolor methods created illustration for private commission
* Species illustrated: *Butterfly (Chlosyne theona) waterlily (*[*Nymphaea*](http://gardenshop.telegraph.co.uk/plants/_/pond-plants/water-lily/nymphaea-almost-black/classid.2000017317/)*)*

**Private Commissions**

Summer 2014

* Working from field sketches and museum mounts and specimens; created original illustrations for private ownership
* Species illustrated: *Pintail (Anas acuta), Mallard (Anas platyrhynchos), Wood Duck (Aix sponsa), Scalloped Hammermhead (*[*Sphyrna lewini*](https://en.wikipedia.org/wiki/Scalloped_hammerhead)*) and Equetus lanceolatus, Juvenile Spotted Drum*

**Situation *Anophthalmus hitleri***

Summer 2013

* Illustrationed a beetle concept based on the literal translation of *Anophthalmus hitleri* to illustrate that a scienetific name is not critical to species ID and can be changed. (In this case to protect the *Anophthalmus hitleri* which is being exterminated due to unfortuneate naming.)

**Stories in Stone: Arabian Rock Art Heritage**

Spring 2013

* Worked from photographes taken in the field to select and render a specific petroglyph or series of petroglyphs from layers of overlapping rock art
* Prepared black and white digital stippled illustrations in Corel Painter and Adobe Photoshop of petroglyphs for publication on web, print and some clothing merchandise

**Reflections: Homage to Dunkard Creek**

Summer 2012

[The Mountain Institute:](http://www.mountain.org/) Appalachia Program and [The West Virginia Land Trust](http://livepage.apple.com/)

* Worked from photographes, studies of live fish and species descriptions to extrapolate and draw the anatomical characteristicsspecific of the Common Shiner (*Luxilus cornutus)*

**Carnegie Museum of Natural History; Mollusks Department**

Summer 2012

*The Mollusks: A Guide to Their Study, Collection, and Preservation*

* Renderd various illustrations in Adobe Illustrator and Photoshop of bivalves, gastropods, miscellaneous marine life as well as technical charts and graphs.
* Extrapolated form and function of collecting tools from text descriptions and web research. Sketches were reviewed and approved by editors.
* Finals were rendered in pen and ink then scanned into Adobe Photoshop and arranged to fit bookplate according to print specifications.

*On the trail of Wayne Grimm's Legacy: Cepaea nemoralis in Frederick, Maryland*

* A.O. Orstan, J. Sparks, and T.A. Pearce submitted to *American Malacological Bulletin*
* Using Google Earth, Adobe Illustrator and Photoshop created map of area’s land use.

General

* Prepared and handled specimans from collection
* Worked with museum interns, postdoctoral fellows and staff on illustrations for various projects
* Miscellaneous pen and ink illustrations of mollusks for identification guides and other small projects.

Brilliant Dinosaurs on Parade, Carnegie Museum Gift Shop

* Researched species of dinosaurs for illustration on signage to highlight the award-winning collection of realistic dinosaurs models sold at store

Dinosaur Hall Expansion and Renovation under contruction Dino Hall Barrier

* Carnegie Musuem of Natural History: Illustrated two realistic dinosaurs for large 22 ft. long banner used to hide construction barrier and inform guests of the new exhibit hall renovation progress.

**Phipps Conservatory and Botanical Gardens Flora Project**

* Used studies of live specimens, dried herbarium sheets and photos to accurately illustrateRuby Red Club Moss, (*Selaginella erythropus)*

***Field Guide to Urban Flora and Fauna in Eastern Pennsylvania* (work in progress)**

Joseph Reznik, biologist

* Researcedh in the field, sketches from live plants and animals plus additional information from photos and nature books. Final work in traditional pen and ink and digital media

Education

Colorado Institute of Art

Associates Degree in Visual Communications, full scholarship

Proficient in Creative Suite: Photoshop, Illustrator, and InDesign CS3,

QuarkExpress 6, PowerPoint, PageMaker, CorelDraw, and Corel Painter 11 and 12

Mac and PC platforms.

Traditional media: Pen and Ink, Watercolor, and Graphite

Digital media: Wacom Cintiq,

Member of:

Pittsburgh Society of Illustrators

Guild of Natural Scientific Illustrators