

Julia Janicki

juliahjanicki.com | jhjanicki@gmail.com | github.com/jhjanicki

Education

September 2011 - May 2014

UW-Madison, Madison, WI **M.S. Entomology** GPA 3.878 Prairie Biotic Research Grant

September 2008 - May 2009

Keio University, Tokyo, Japan **Japanese Language Program** GPA 4.0 Monbukagakusho MEXT Scholarship

September 2006 - May 2010

UW-Madison, Madison, WI **B.S. Conservation Biology / Japanese** GPA 3.886 Phi Beta Kappa

Job Experience

July 2017 - PRESENT

Environmental Investigation Agency, Washington D.C., USA (Remote) **Data Visualization Consultant**

- Create interactive stories of EIA technical reports (HTML, CSS, JS, D3, GIS)

August 2015 - PRESENT

Okinawa Institute of Science and Technology, Onna, Okinawa, Japan **Computing Technician**

- Data cleaning, database design + creation + management (PostgreSQL, Navicat)
- Web development + web master (Wordpress custom theme, HTML, CSS, JS, D3)
- Cartography (D3, leaflet, mapbox, cartoDB) + data visualization
- Miscellaneous lab tasks (MicroCT, Amira, Meshlab, RavenPro, 3D printing)

July 2016 - January 2017

Legal Atlas, Remote **GIS Specialist**

- Research on wildlife trade to generate data for their platform
- Data acquisition (shapefile, web scraping) + data cleaning + prototyping
- Created a series of Mongolia maps for publication (Silent Steppe II)

June 2016 - September 2016

US State Department, Okinawa, Japan **Web Developer & Educator**

- Web Developmt (Wordpress custom theme, HTML, CSS, JS, D3)
- Research & outreach + fund raising & education

January 2015 - July 2015

Okinawa Institute of Science and Technology, Onna, Okinawa, Japan **UI/UX Intern**

- antmaps.org: design, prototyping, development, usability testing

September 2014 - January 2015

The Artillery, San Francisco, CA, USA **Web Designer**

- Created two websites for the company: design, prototyping, development, usability testing

January 2012 - May 2014

UW-Madison, Madison, WI, USA **Teaching Assistant (Introduction to Entomology)**

- Prepared and gave lectures + conducted labs

Volunteering Experience

September 2016 - PRESENT

Churaumi Aquarium, Motobu, Okinawa **Veterinary Assistant**

May 2015 - April 2016

NW Partners in Amphibian and Reptile Conservation, Remote **Webmaster**

September 2010 - December 2010

The Xerces Society, Portland, OR, USA **Research Assistant**

January 2010 - May 2010

Wisconsin Department of Natural Resources, Madison, WI, USA **Research Assistant**

July 2008 - August 2008

Endemic Species Research Institute, Nantou, Taiwan **Wildlife Assistant**

Publications

Roth RE, SJ Young, C Nestel, B Davidson, J Janicki, V Knoppke-Wetzel, F Ma, R Mead, C Rose, and G Zhang (Submitted)

Global Landscapes: Teaching Globalization through Responsive Mobile Map Design.

Janicki J & DK Young. (2017)

Nemomychidae and Anthribidae of Wisconsin (Coleoptera: Curculionoidea). *Insecta Mundi* 0579: 1-36.

Janicki J, N Narula, M Ziegler, B Guénard and E Economo (2016).

Visualizing and interacting with large-volume biodiversity data using client-server web-mapping applications: The design and implementation of antmaps.org. *Ecological Informatics*.32: 185-193.

Janicki J, G Guo, M Conway, R Donohue, and RE Roth (2014).

Weevil Viewer: An interactive mapping application for geographic and phenological exploration of Wisconsin's primitive weevils. *The Journal of Maps*. 10(2): 289-296.

Skills

Technical Skills

Web development. Javascript (D3, leaflet, jQuery), Python (Django), HTML, CSS, Wordpress Theme Development

Data. SQL (PostgreSQL), Python (numpy, pandas), Excel, GIS (ArcGIS), data viz / interactive storytelling

Graphics. Photoshop, Illustrator

Language Skills

English (Native), Mandarin Chinese (Native), Japanese (Fluent), French (Proficient)

Reference

Evan Economo Okinawa Institute of Science and Technology PI economo@oist.jp

Daniel Young UW-Madison Entomology Professor dkyoung@wisc.edu

Robert Roth UW-Madison Cartography Professor reroth@wisc.edu

Dolores Prin US State Department Public Affairs Officer PrinD@state.gov

James Wingard Legal Atlas Founder james.wingard@legal-atlas.net

Alexandra Bloom Environmental Investigation Agency Policy Analyst abloom@eia-global.org