

Starr H. Moss

840 Jenifer St. #1, Madison, WI 53703

Tel: (608) 335-5246

shmoss@wisc.edu

SUMMARY

Geographer/cartographer/GIS analyst with 7 years of experience. Expertise in GIS mapping, static and web cartography, public speaking, and writing.

EXPERIENCE

Aug. 2015 – Current

Web Development Assistant

University of Wisconsin-Madison Department of Radiology

Madison, WI

- Build interactive maps using Department of Radiology datasets
- Maintain Department of Radiology website and provide timely updates

Aug. 2015 – Current

Teaching Assistant

University of Wisconsin-Madison Department of Geography

Madison, WI

- Develop curriculum for Introduction to Human Geography (Geography 101) and Introduction to the City (Geography 305)
- Lead discussions and hands-on learning activities

Jan. 2012 – Aug. 2015

Guitarist and Vocalist

Henhouse Prowlers Music, Inc.

Chicago, IL

- Perform bluegrass music at festivals and venues world-wide
- Selected four times by U.S. State Department to perform and teach overseas; West Africa (2014), Nigeria (2014), East Africa (2015), Russia (2015)

Apr. 2011 – Jan. 2012

Redistricting GIS Assistant

Mexican American Legal and Educational Defense Fund (MALDEF)

Los Angeles, CA

- Oversee GIS database, draft redistricting plans, and prepare maps for public hearings and press conferences
- Compile demographic, registration, and election data for analysis
- Draft redistricting plans for Illinois, Wisconsin, Florida, and Virginia

Sept. 2009 – June 2010

GIS Analyst

Active Transportation Alliance / City of Chicago

Chicago, IL

- Map Chicago bicycle and pedestrian crashes in all fifty (50) Chicago wards
- Create maps for community meetings, grant proposals, newsletters, and policy initiatives, including Illinois' *Distracted Driving* campaign
- Create tables, charts, and graphs depicting trends in Chicago traffic accidents

EDUCATION

Anticipated Spring 2017

M.S. – Cartography and GIS

University of Wisconsin-Madison

Master's Thesis Project: *The Relationship between Voting and Crime: A Spatiotemporal Analysis*

Master's Thesis Advisors: A-Xing Zhu and Robert Roth

Sept. 2005 – May 2009

B.A. – Geography and International Studies (double major)

University of Wisconsin-Madison

- GPA: 3.78/4.0

SKILLS

Geospatial

- ArcGIS for Desktop
- CartoCSS & MapBox Studio

Languages

- JavaScript
- Python
- HTML
- CSS
- PHP
- MySQL
- R

Design

- Adobe Illustrator
- Adobe Photoshop

Other

- Microsoft Suite
- GitHub
- Kiln
- Tortoise Hg

Awards

2016

First Place Award, NACIS Student Dynamic Map Competition

2016

Trewartha Research Grant, University of Wisconsin-Madison Dept. of Geography

2009

Member, Phi Beta Kappa Academic Honor Society

2005-2009

Dean's List, University of Wisconsin-Madison