

**Starr H. Moss**

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## SUMMARY

Geographer/cartographer/GIS analyst with 5 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' *Distractions 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
- Leaflet

### **Languages**

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

### **Design**

- Adobe Illustrator
- Adobe Photoshop

### **Other**

- Microsoft Suite
- GitHub
- Kln
- Tortoise Hg

### **Foreign Languages**

- Spanish

## 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