

# Richard Donohue, PhD | *curriculum vitae*

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github.com/rgdonohue

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## ACADEMIC PRIORITIES

My teaching and research emphasizes the implementation of emerging technical solutions within spatial data science and web cartography, informed by critique and digital geographies. I teach students web design to support cartographic interaction, geovisualization, and digital storytelling, as well as GIS and coding solutions for the analysis, wrangling, and transformation of various spatial data sources. I build, instruct, and support online education within graduate-level courses culminating in Certificate and MS degrees in Digital Mapping.

## ACADEMIC APPOINTMENTS

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|----------------|--|
| 2019 – Present | <b>Assistant Professor</b><br>Digital Mapping<br>Department of Geography, The University of Kentucky               |
| 2014 – 2019    | <b>Postdoctoral Fellow</b><br>New Maps Plus/Digital Mapping<br>Department of Geography, The University of Kentucky |
| 2016 – 2017    | <b>Visiting Scholar</b> , Department of Geography, The University of Colorado at Boulder                           |

## EDUCATION

- |      |   |
|------|---|
| 2014 | <b>Doctor of Philosophy</b> in Geography, Minor in Science and Technology Studies, <i>The University of Wisconsin–Madison</i> , Madison, WI.<br><br>Dissertation: "Web Mapping with Web Standards: Teaching, Learning, and Using Open Source Web Mapping Technologies"<br><br>Dissertation Chair: Robert Roth |
| 2004 | <b>Master of Arts</b> in Education, The University of Colorado at Boulder, Boulder, CO.   |

## TEACHING, ADVISING AND INSTRUCTIONAL DESIGN

**Original course design**, Department of Geography, The University of Kentucky

Note: In addition to original course design, I update/maintain each course every term to reflect changes in technologies/interfaces and improve content based on experience and student input.

MAP671: *Introduction to New Mapping* (3 credits),

- Ten modules for online teaching, ~8000 words each module, including images, animated GIFS, supplementary videos, and code example snippets.
- Learning objectives: Geographical and geospatial thinking; GIS; cartographic design principles: QGIS, PostgreSQL/PostGIS; Git; Markdown.

MAP672: *Programming for Web Mapping* (4 credits)

- Ten modules for online teaching, ~8000 words each module, including images, animated GIFS, supplementary videos, and code example snippets.
- Learning objectives: Web design and development skills; interactive and thematic web mapping; protocol languages such as HTML/CSS/JavaScript; web-mapping libraries such as Leaflet; continued practice using specific tools such as Git.

MAP673: *Design for Interactive Web Mapping* (4 credits)

- Ten modules for online teaching, ~8000 words each module, including images, animated GIFS, supplementary videos, and code example snippets.
- Learning objectives: Advanced interactive web design; fluency in JavaScript; UX/UI design; design of online portfolios.

MAP674: *Spatial Data Analysis and Visualization* (4 credits)

- Six 1 - 2 week modules for online teaching, ~8000 words each module, 2-week final project.
- Learning objectives: proficiency in the Python programming language; employment of various geospatial coding libraries; the use of Jupyter coding notebooks; exploratory spatial data analysis (ESDA); data cleaning and transformation; documentation of open, reproducible workflows.

MAP675: *Collaborative Geovisualization* (4 credits)

- Five 2-week modules for online teaching, ~8000 words each module, including images, animated GIFS, supplementary videos, and code example snippets.
- Learning objective: proficiency in command line interface and command libraries (ogr/gdal, Mapshaper); the use of Node.js; fluency in JavaScript; understanding of vector tile solutions and Open GL mapping solutions (e.g., Mapbox GL JS).

MAP698: *Final Project Preparation* (3 credits)

- Five 1 - 2 week assignments including scaffolding for developing project ideas, topics, and clearly articulated data; benchmark progress updates; formation of faculty committee; project proposal defenses with course peers.

MAP698: *Final Project Implementation* (3 credits)

- Application of data solutions to front-end web design; peer critique of map design solutions; final defense and revisions.

MAP701: *History of Critical Cartography* (2 credits)

- Five 2-week assignments designed to encourage thinking about cartography from a critical, qualitative, and historical perspective, a final project integrating scholarly thinking into a interactive web story using IIIF geospatial image standards.

MAP719: *Social Impacts of New Mapping* (2 credits)

- Ten modules exposing students to a range of critical skills in tracing the relationships between technology, space, and society, engaging in scholarship that appreciates a critical technology studies perspective, writing reading responses, and applying knowledge to a basic storytelling map template.

**Instructor of Record**, Department of Geography, The University of Kentucky

2022 Spring	<i>MAP719: Social Impacts of New Mapping</i>
2022 Spring	<i>MAP698: Final Project Preparation</i>
2021 Fall	<i>MAP675: Collaborative Geovisualization</i>
2021 Fall	<i>MAP701: History of Critical Cartography</i>
2021 Summer	<i>MAP674: Spatial Data Analysis and Visualization</i>
2021 Spring	<i>MAP719: Social Impacts of New Mapping</i>
2021 Spring	<i>MAP698: Final Project Preparation</i>
2020 Fall	<i>MAP674: Spatial Data Analysis and Visualization</i>
2020 Fall	<i>MAP701: History of Critical Cartography</i>
2020 Summer	<i>MAP675: Collaborative Geovisualization</i>
2020 Spring	<i>MAP698: Final Project Implementation</i>
2020 Spring	<i>MAP698: Final Project Preparation</i>
2020 Spring	<i>MAP719: Social Impacts of New Mapping</i>
2019 Fall	<i>MAP675: Collaborative Geovisualization</i>
2019 Summer	<i>MAP674: Spatial Data Analysis and Visualization</i>
2019 Spring	<i>MAP698: Final Project Implementation</i>
2019 Spring	<i>MAP693: Design for Interactive Web Mapping</i>
2019 Spring	<i>MAP698: Final Project Preparation</i>

2019 Spring	MAP719: <i>Social Impacts of New Mapping</i>
2018 Fall	MAP674: <i>Spatial Data Analysis and Visualization</i>
2018 Fall	MAP673: <i>Design for Interactive Web Mapping</i>
2018 Summer	MAP672: <i>Programming for Web Mapping</i>
2018 Spring	MAP675: <i>Collaborative Geovisualization</i>
2018 Spring	MAP673: <i>Design for Interactive Web Mapping</i>
2018 Spring	MAP672: <i>Programming for Web Mapping</i>
2018 Spring	MAP673-: <i>Design for Interactive Web Mapping</i>
2017 Fall	MAP675: <i>Collaborative Geovisualization</i>
2017 Fall	MAP673: <i>Design for Interactive Web Mapping</i>
2017 Summer	MAP673: <i>Design for Interactive Web Mapping</i>
2017 Spring	MAP673: <i>Design for Interactive Web Mapping</i>
2017 Spring	MAP672: <i>Programming for Web Mapping</i>
2017 Spring	MAP673: <i>Design for Interactive Web Mapping</i>
2017 Spring	MAP672: <i>Programming for Web Mapping</i>
2016 Fall	MAP672: <i>Programming for Web Mapping</i>
2016 Fall	MAP673: <i>Design for Interactive Web Mapping</i>
2016 Summer	MAP672: <i>Programming for Web Mapping</i>
2016 Summer	MAP673: <i>Design for Interactive Web Mapping</i>
2016 Spring	MAP672: <i>Programming for Web Mapping</i>
2016 Spring	MAP673: <i>Design for Interactive Web Mapping</i>
2016 Spring	MAP672: <i>Programming for Web Mapping</i>
2015 Spring	Geo409: <i>Advanced GIS</i>

**Instructor of Record**, Department of Geography, The University of Wisconsin-Madison

2011, Spring            Geog378: *Introduction to Geocomputing*

## **GRADUATE MS STUDENTS ADVISED**

Graduate Masters of Science in Digital Mapping, Advised and Instructed

\* As of 2021: 20 MS degrees, links to the final projects of MS students available below.

\* 2020 NACIS winner of the Student Dynamic Map Award: Lis Fano, *Our Vanishing Glaciers: Visualizing a Half-Century of Glacier Loss in Glacier National Park, Montana*. <https://efano.github.io/GNP-glaciers/>

\* 2019 NACIS winner of the Student Dynamic Map Award: Maria Renee Horn, *Conservation Areas in South America*. <https://mahorn.github.io/conservation/>

- 2022 (anticipated) **Mary Becker** (MS). *High Quality Stream Evaluation Framework*.
- 2022 (anticipated) **Nathaniel Deaton** (MS). *Conflict Crisis Mapping*.
- 2022 (anticipated) **Jessica Freeman** (MS). *University of Kentucky Parcel Acquisition*.
- 2022 (anticipated) **Timothy Higginbotham** (MS). *Construction of Growth in Girdwood, Alaska*.
- 2022 (anticipated) **Rebecca Ramsey** (MS). *How Racial Capitalism Persists Today in Lexington, KY. An Exploration of 1930s Redlining Practices*.
- 2022 (anticipated) **Zac Stanley** (MS). *United States Communities in Harms Way: Where are the Vulnerable in Relation to Wildfire Hazards*.
- 2022 (anticipated) **Michael Thomas** (MS). *Going the Extra Mile: Exploration of Walkability in Lexington, KY*.
- 2021 **Alexander Buck** (MS). *Patterns of Destruction: Wildfires in the United States*. <https://alexbuck328.github.io/wildfires/>
- 2021 **Steven Fuller** (MS). *Metropolitan Landcover Classification*. <https://webgis.aztecconsultants.com/Castle%20Pines/>
- 2021 **Gene Hahn** (MS). *University of Kentucky's soil test data analysis of phosphorus and potassium against AGR-1 recommendations*. <https://github.com/genehahn48/soiltest>
- 2021 **Daniel Helton** (MS). *How Land Development Affects Water Pollution*. <https://github.com/heltond/water-and-land>
- 2021 **John Obrycki** (MS). *Communicating novel contaminant data to a community in eastern Ohio*.
- 2021 **Devin Rocco** (MS). *Solemarks*. <https://once-aday.github.io/>
- 2021 **Shan Wuan Wu** (MS). *Pandemic Basketball 2020-21*. <https://swu-uky.github.io/pandemic-basketball/>
- 2020 **Eileen Grady** (MS). *Exploring Industrial Pollution in the US*. <https://eileengrady.github.io/us-industrial-pollution/>
- 2020 **Lis Fano** (MS). *Our Vanishing Glaciers: Visualizing a Half-Century of Glacier Loss in Glacier National Park, Montana*. <https://efano.github.io/GNP-glaciers/>
- 2020 **Lauren Oldham** (MS). *March Madness*. <https://laurenoldham1202.github.io/mens-college-basketball/>

2020 **Etienne Sambo** (MS). *Interactive Road Accidents Map of Utrecht*. <https://efsa223.github.io/utrecht-netherlands-road-accidents/>

2020 **Derek Waggenspack** (MS). *United States Power Generation & Location*. <https://dwaggenspack.github.io//SUSPECT-Power/>

2019 **Matthew Bacinskas** (MS). *West Nile Virus (WNV) and St. Louis Encephalitis (SLEV) in California (2003 – 2018)*. <https://bazini627.github.io/wnvSlevMap>

2019 **Mark Cruse** (MS). *Spatial Patterns in Commute to Workplace Census Data*. <https://markcruse.github.io/commute-patterns/>

2019 **Maria Horn** (MS). *Conservation Areas in South America*. <https://mahorn.github.io/conservation/index.html>

2019 **Michael McNeil** (MS). *The Spoken Word*. <https://mikus31.github.io/the-spoken-world/>

2019 **Lee Moser** (MS). *Lexington, KY Foodscape Mapping Project*. <https://ljmoser83.github.io/lex-foodscape/>

2019 **Andrea Parr** (MS). *Water Reclamation Projects & Biodiversity*. <https://andraparr.github.io/watersheds-biodiversity/>

2019 **Courtney Simonse** (MS). *Sicilian Immigrants in the US: 1880 – 1900*. <https://courtneysimonse.ninja/sicily-immigrants/>

2019 **Sharon Wohlgemuth** (MS). *The Geography of Public Domain Objects at the Metropolitan Museum of Art*. <https://digitalfootprints.github.io/artmap/>

## Graduate Certificates in Digital Mapping, Advised and Instructed

\* 53 Graduate Certificates awarded under my supervision the first three years (primary responsibility for Graduate Certificates shifted to a co-instructor in 2019)

\* 2018 NACIS winner of the Student Dynamic Map Award: Kerry Gathers, *Oil & Bone: American Ports in the Golden Age of Yankee Whaling*. <https://www.kgmaps.com/oil-and-bone/>

2018	2017	2016
Frederick Smarr Christina Pappas Jay Bowen Kevin Hough Jairus Rossi Mademoiselle LeBlanc Ronald Michael McNeil Sharon Wohlgemuth Josh Wadlington	Ryan Kelly Jacqueline Smith James Mason Patrick Smith Paul Puckett Christopher VanDyke Xi Wang Heather Hyden Amber Bosse	Anna Lee Bard Elizabeth Adams Maria Renee Horn Lauren Oldham Jonathon Barefoot Maxwell Lee Hammond Logan Steele Lauren Winkler Devin Bartley

Andrea Parr Meagan Duever William Carter Jeff Tiemann Alisande Tombarge Jillian Hannigan Jake Coolidge Joshua Knight James Coil Kerry Gathers	Ryan Rogers Tyler Hegwood Matthew Bacinskas Elisabeth Fano Lee Moser Kevin Hogue Nicolas Williamson Mark Cruse Cassie Porter Jeremy Fisher Owen Mickelson Sebastian Hancock Francisco Lovko John Davis Derek Waggenpack	Raymond Hasenyager Laura Brown Devin Rocco Ethan, Gicker
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## PUBLICATIONS

- 2021 Roth RE, CM Sack, G Baldrice-Franklin, Y Chen, **RG Donohue**, T Prestby, R Tolochko, and N Underwood. 2021. *Web Mapping: A Workbook for Interactive Cartography and Visualization on the Open Web. Version 0.1*. University of Wisconsin Cartography Laboratory: Madison, WI. DOI: 10.5281/zenodo.4032935
- A collaboratively written and open-access online publication through the University of Wisconsin-Madison providing practical web mapping and cartographic lessons informed by pedagogical research completed for my Ph.D. research. Eleven chapters (approximately 20 - 30 pages each).
- 2019 Bellanam S, RM Eggo, P Gsell, AJ Kucharski, NE Dean, **RG Donohue**, M Zook, J Edmunds, F Odhiambo, IM Longini Jr, M Brissonh, BE Mahon, Ana Maria Henao-Restrepo. "An online decision tree for vaccine efficacy trial design during infectious disease epidemics: The InterVax-Tool." *Elsevier* 37(21): 4376 – 4381.
- 2016 Zook M, A Poortuis, and **RG Donohue**. "Mapping Spaces: Cartographic Representations of Online Data," in *Handbook of Online Research Methods*, second edition.
- 2015 Sack CM, **RG Donohue**, and RE Roth. "Multivariate Choropleth Maps with D3," *Cartographic Perspectives*, 76.

- 2014 Roth, RE, **RG Donohue**, CM Sack, TR Wallace, and TMA Buckingham. "Evaluating Evolving Web Mapping Technologies." *Cartographic Perspectives*.
- 2014 **Donohue RG**, CM Sack, and RE Roth. "Time Series Proportional Symbol Maps with Leaflet and JQuery." *Cartographic Perspectives*, 75.
- 2014 Janicki J, G Guo, M Conway, **RG Donohue**, and RE Roth. "Weevil Viewer: An interactive mapping application for geographic and phenological exploration of Wisconsin's primitive weevils." *The Journal of Maps*, 10(2): 289–296.
- 2013 **Donohue RG**, CM Sack, TR Wallace, RE Roth, and TMA Buckingham. "A competitive analysis of open web mapping technologies." In: *Proceedings of the 26th International Cartographic Conference*. Dresden, Germany: August 27.
- 2013 Roth RE, **RG Donohue**, CM Sack, TR Wallace, and TMA Buckingham. "A process for assessing emergent web mapping technologies." In: *Proceedings of the 26th International Cartographic Conference*. Dresden, Germany: August 26.
- 2010 **Donohue RG**. "Denis Wood." In: Barney Warf (ed) *The Encyclopedia of Geography*. Thousand Oaks, CA: SAGE Publications, pp. 3122-3123.
- 2007 Harrower M, **RG Donohue**. "An Interactive Cultural Map of Wisconsin." *Proceedings of the 32nd Annual SSHA Conference*, Chicago, IL. November 15–18.
- 2006 Wolgemuth J, **RG Donohue**. "Toward an inquiry of discomfort guiding transformation in "emancipatory" narrative research." *Qualitative Inquiry*, 12(5): 1012-1021.
- 2006 Crane R, L Pedersen–Gallegos, S Laursen, E Seymour, and **Donohue, RG**. "Schema disjunction among undergraduate women in computer science." *Encyclopedia of Gender and Information Technology*, ed. E. M. Trauth. Hershey, PA, London: Idea Group Reference, pp. 1087–1091.

## BOOK REVIEWS

- 2020 **Dorman, Michael**. *Introduction to Web Mapping*. United States, CRC Press.

## CONFERENCE PRESENTATIONS

- 2020 **Donohue RG** (co-organizer and panel discussant), A Goldsberry, J Bookout, Y Shi, S Long, N Santos. "Online Education Expands the Community of Geography." *2020 Annual Meeting of the Association of American Geographers*. Denver, CO (virtual): April 10.



- 2019 **Donohue RG.** “Interactive Coding Environments for Web Map Development.” *North American Cartographic and Information Society (NACIS) Annual Meeting*. Tacoma, WA: October 17.
- 2018 Blankenship J (presenter) and **RG Donohue.** “Direct Interaction: Narrative Web Maps and Explicit Bias.” *North American Cartographic and Information Society (NACIS) Annual Meeting*. Norfolk, VA.
- 2018 **Donohue RG** (presenter) and M.W. Wilson. “New Maps in the New Medium: Teaching Web Cartography for a Distributed Workforce.” Free and Open Source Software for Geospatial (FOSS4G) conference, St. Louis, Missouri.
- 2015 **Donohue RG** (presenter) and M Zook. “The Open Source Web Mapping Workflow: QGIS, Leaflet and UI/UX.” *Kentucky Association of Mapping Professionals 2015 GIS Conference*. Owensboro, KY: October 13.
- 2015 Aileen B, A Robinson, J Kerski, P Drews, **RG Donohue** (panel discussant), “Geography and Online Education B: What is the status of online geography and geospatial education and its impact on traditional educational offerings?” *2015 Annual Meeting of the Association of American Geographers*. Chicago, IL: April 22.
- 2014 Crampton J, **RG Donohue** (panel discussant), L Mogel, A Robinson, RE Roth, MW Wilson, and M Zook. “Adventures in Online Mapping Education in the 21st Century.” *North American Cartographic and Information Society (NACIS) Annual Meeting*. Pittsburg, PA: October 9.
- 2014 Czaplewski J (presenter), **RG Donohue**, and R Mead. “Responsive Interactivity: Toward User-centered Adaptive Map Experiences.” *Free and Open Source Software for Geospatial (FOSS4G) North America*. Portland OR: September 11.
- 2013 **Donohue RG** (presenter), A Poorthuis, and Z Johnson. “Bill Bunge, D3.js, and the Future of Critical Cartography.” *North American Cartographic and Information Society (NACIS) Annual Meeting*. Greenville, SC: October 11.
- 2013 Sack CS (presenter), **RG Donohue**, RE Roth, TR Wallace, and TMA Buckingham. “Adapting web mapping curriculum to open source technologies.” *Free and Open Source Software for Geospatial (FOSS4G) North America*. Minneapolis, MN: May 22.
- 2013 Roth RE, CS Sack (co-presenter), **RG Donohue** (co-presenter), TR Wallace, and TMA Buckingham. “Web mapping technology study update, or what you just learned now is obsolete.” UW–Madison Geospatial Alliance Summit. Madison, WI: April 25.
- 2013 Roth RE (presenter), **RG Donohue**, TR Wallace, CS Sack, and TMA Buckingham. “Getting a handle on open source web mapping technologies.” *Wisconsin Land Information Association (WLIA) 2013 Annual Conference*. Lake Geneva, WI: February 14.

- 2012 **Donohue RG**, T Wallace, CS Sack, RE Roth, and TMA Buckingham  
“Keeping Pace with Emerging Web Mapping Technologies.” *North American Cartographic and Information Society (NACIS) Annual Meeting*. Portland, OR: October 19.
- 2012 **Donohue RG**. “Renewable Energy Landscapes and the Circulation of Technoscience through Wind Farm Development and Debates.” *2012 Annual Meeting of the Association of American Geographers*. New York, NY: February 24.
- 2010 **Donohue RG** (panel discussant). “Geography, Technology and Science.” *17th Annual Critical Geography Mini-Conference*. Milwaukee, WI: November 6.
- 2008 **Donohue RG**. “Emerging Technologies in Mapping: Public Participation and Distributed Mapping.” *Holtz Center for Science and Technology Studies Brown Bag Series*, UW–Madison, WI.
- 2008 **Donohue RG**. “Digital Mapping Technologies: Implications for Knowledge Spaces.” *2008 Meeting of the Association of American Geographers*. Boston, MA.

## INVITED TALKS AND LECTURES

- 2020 **Donohue RG**. “Navigating Technical Workflows Through Geospatial Education: Reflections on Building a New Online Mapping Program.” The University of Cincinnati, Geography/GIS Colloquium.
- 2016 **Donohue RG**. “Finding the Plus in New Maps Plus.” Department of Geography, University of Kentucky, Lexington, KY. Department Colloquium.
- 2015 **Donohue RG**. *Geo309: Introduction to GIS*. “The QGIS to Leaflet Web Mapping Workflow.” The University of Kentucky, Lexington, KY: November 6.
- 2015 **Donohue RG**. *Geo222: Cities of the World*. “The Ephemeral and Utopian Experiment: Black Rock City.” The University of Kentucky, Lexington, KY: November 3.
- 2015 **Donohue RG**. “The Power of Abstraction: Principles of Cartography” (guest lecture). *Geo109: Digital Mapping*. The University of Kentucky, Lexington, KY: October 6.

## WORKSHOPS AND SHORT COURSES

- 2022 “Hasn't everything been mapped? Measuring space, place, and landscape in the planet we call home.” Hands-on presentation for the *Everything (EIS) is Science* Lexington festival, demonstrating geospatial conceptions of geodesy, map projections, and mental mapping to further general public

knowledge of Geography and Cartography.

<http://eis.createuky.net/eis-2022/>

- 2020 Geography Awareness Month (December), *Wildly Geo*, a series of events hosted through the Department highlighting diverse interests within the field and department. Included map & data visualization contests, geocaching and rephotography scavenger hunt events in support of the internationally recognized GIS Day, and the coordination and moderation of 5 invited speakers (including UK Geography alumni).
- 2020 “Where is your nearest love?: A mapping project for Maptime Lex Valentine's Day Special.” <https://github.com/maptimelex/nearest-love>
- 2019 “Mapbox Does That?” A presentation of telling big data stories with Mapbox Studio and Story maps for the MaptimeLex December Meetup. <https://github.com/maptimelex/mapbox-does-that>
- 2018 “Open Data 2018 and Web Mapping.” Geospatial Centroid, Colorado State University, Fort Collins, CO (workshop in support of GIS Day).
- 2017 *Open Source Cartography: A Web Mapping Short Course*. University of Colorado-Boulder, a series of four web mapping lessons comprising a short course as a visiting scholar appointment. <https://github.com/rgdonohue/web-mapping-short-course>
- 2015 “Introduction to D3 Web Mapping Through 7 Simple Maps.” Presentation for the MaptimeLex June 2015 Meetup.

## ACADEMIC SERVICE

- 2021 – 2022 Geospatial Technologies Committee (Chair), External Relations Committee (Chair), Department of Geography, University of Kentucky
- 2020 – 2021 Geospatial Technologies Committee (Chair), External Relations Committee, Department of Geography, University of Kentucky
- 2019 – 2020 Geospatial Technologies Committee (Chair), External Relations Committee, Department of Geography, University of Kentucky
- 2012–2013 Speakers Committee, Graduate Student Representative, Department of Geography, UW–Madison
- 2008 – 2010 Madison Area Cartographic Design and Debate (MACDAD) Committee Coordinator, Department of Geography, UW-Madison

## PREVIOUS APPOINTMENTS

- 2014 – 2019 **Postdoctoral Fellow**, *New Maps Plus*  
Department of Geography, The University of Kentucky

- 2013 – 2014      **Website Developer**, College of Agriculture and Life Sciences (CALs),  
Research Division
- 2013              **Consultant**, Department of Geography, University of Kentucky,  
Cartographic Curriculum Camp. May 27 – June 4
- 2010              **Project Assistant** for GIS Certificate Program, Department of Geography,  
UW-Madison
- 2007 – 2010      **Webmaster**, Department of Geography, UW–Madison
- 2006 – 2009      **Program Evaluator** for the Wisconsin Alliance for Minority Participation  
(WiscAMP), The University of Wisconsin-Madison
- 2004 – 2006      **Research Assistant**, Ethnography & Evaluation Research (E&ER), The  
University of Colorado at Boulder

## **AWARDS and HONORS**

- 2015              Undergraduate Exceptional Pedagogy Award, Department of Geography,  
University of Kentucky
- 2014              Trewartha Travel Award, Department of Geography, UW–Madison
- 2013              College of Letters and Science TA Exceptional Service award (nominated,  
Department of Geography, UW-Madison)
- 2013              Trewartha Travel Award, Department of Geography, UW–Madison
- 2012              College of Letters and Science TA Exceptional Service award (nominated,  
Department of Geography, UW-Madison)
- 2012              Trewartha Travel Award, Department of Geography, UW–Madison
- 2010              Holtz Center for Science and Technology Studies 2010 Graduate Scholars  
Summer Fellowship, UW-Madison
- 2008              Trewartha Travel Award, Department of Geography, UW–Madison
- 2007              Holtz Center for Science and Technology Studies 2007 Graduate Scholars  
Summer Fellowship, UW-Madison

## **CURRENT AFFILIATIONS**

North American Cartographic Information Society (NACIS)

International Society of Participatory Mapping (ISPM)

Association of American Geographers

The Data Visualization Society