

# Christopher Morgan

Minneapolis, MN | 608.395.1663 | cjmorgs4@gmail.com

## PLANNING / GIS EXPERIENCE

- Minnesota Department of Transportation Sept 2016 - present  
Aviation Planner / Geographic Information Systems Specialist  
Office of Aeronautics
- Provides GIS expertise on zoning, airport influence areas, and navigational aids, among others
  - Prepares maps with a high level of cartographic design for the Office of Aeronautics for outreach, safety, and educational purposes
  - Provides document and web design, as well as developing communication tools and materials
  - Received: Technical Rigor MnDOT Planning Award, MnDOT Achievement Award
- Minnesota Department of Transportation Summer 2016  
Aviation Planning Intern  
Office of Aeronautics
- Support in airport planning, land use easements and zoning activities at the state, regional, and local levels
  - Assisted in document and web design, as well as developing communication tools and materials
  - Mapped existing airport zoning shapes/boundaries and analyzed flight operations data

## EDUCATION

- University of Wisconsin-Madison; Madison, WI 2012-2016  
B.A. in Physical Geography (Honors) and Cartography/GIS  
Certificate (Minor): Environmental Studies, European Studies
- Senior Honors Thesis on the role of functional seed traits of plants in burned and unburned prairies
  - GPA: 3.897/4.0 (Top of class in Geography Dept.)
  - Received: Olmstead Award for Excellence of Scholarship in Geography, Petchenik Award in Cartographic Design (2<sup>nd</sup> Place), and Candidate for Distinctive Scholastic Achievement
- National University of Ireland, Galway; Galway, Ireland Spring 2015  
Semester Study Abroad, focusing on Geography
- Received Study Abroad Scholars Scholarship (2014)

## RESEARCH EXPERIENCE

- University of Wisconsin-Madison Fall 2014-Spring 2016  
Research Assistant  
Marin-Spiotta Biogeography Lab
- Completed a wide array of tasks relating to soil science, such as: pH measurements, particle size analysis, grinding and processing, and separating out for elemental analysis
- University of Wisconsin-Madison Summer 2014  
Integrated Biological Sciences – Summer Research Program  
“Cryptotephra: An Alternative to Radiocarbon Dating” supervised by J.W. Williams  
Presented findings at West Lakes AAG Undergrad Poster Contest, receiving 1st Place (2015)
- NSF-funded research on isolating microscopic volcanic ash in lake cores in order to date the material around it and reconstruct past climates to understand cycles

## ADDITIONAL EXPERIENCE

- Boys and Girls Club of Burlington, VT Summer 2015  
Group Leader of 4<sup>th</sup> Graders
- WSUM 91.7 FM - Madison, WI / Flirt FM 101.3 - Galway, Ireland 2012-2016  
Community Radio DJ – Weekly music and talk show
- Received ALIVE Certificate - NUI Galway Presidential Award for Volunteering (2015)

## MEMBERSHIPS

- Gamma Theta Upsilon International 2015-present  
Geographical Honor Society
- Geography Club, UW-Madison – Co-President 2012-2016  
- Led meetings, coordinated activities/field trips

## SKILLS

- Computing:** Proficient in Microsoft Office Suite;  
Adobe: Photoshop, Illustrator, InDesign,  
Dreamweaver; ArcGIS; QGIS  
Experience with Python, JavaScript, CSS, HTML
- Languages:** French – IRL Level 2