

# Christopher Morgan

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## PLANNING EXPERIENCE

Minnesota Department of Transportation  
Aviation Planning Intern  
Office of Aeronautics

Summer 2016

- Support in airport planning, land use easements and zoning activities at the state, regional, and local levels
- Assist in establishing a continuous system planning program
- Mapping existing airport zoning shapes/boundaries and development of communication tools and materials

## EDUCATION

University of Wisconsin-Madison; Madison, WI

May 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  
Semester Study Abroad, focusing on Geography

Spring 2015

- 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
- Findings ultimately helped reconstruct past climates to better understand climate change in the future

## ADDITIONAL EXPERIENCE

Boys and Girls Club of Burlington, VT

Summer 2015

Group Leader of 4<sup>th</sup> Graders

- Led group of kids for a day camp; planned a wide variety of activities and coordinated weekly outdoor field trips.

WSUM 91.7 FM - Madison, WI

2012-2016

Student Radio DJ – Weekly music and talk show

Flirt FM 101.3 - Galway, Ireland

2015

Community Radio DJ – Biweekly music 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, organizing diverse individuals into a group with a common goal
- Recognized and utilized skills of others
- 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