

## Amber D. DeJohn

209 Major St. Toronto, ON M5S2L4 | amber.dejohn@utoronto.ca | 810.516.0069

### EDUCATION

- 2018-2019 MA, Human Geography, University of Toronto  
Thesis: *Transit accessibility of SNAP authorized retailers in the Midwest United States*  
Supervisor: Dr. Michael Widener
- 2014-2018 BA with Honor, Political Theory & Constitutional Democracy, Michigan State University  
Capstone: *Perils of Pursuit: Understanding Autonomous Vehicles and their Impact on American Life*  
Additional Major, Economic Geography  
Minor, Geographic Information Systems  
Honors College

### PEER-REVIEWED PUBLICATIONS

- 2017 DeJohn, AD, Schulz EE, Pearson AL, Lachmar EM, Wittenborn AK, "Identifying and understanding communities using Twitter to connect about depression: Cross-sectional study." *JMIR Mental Health*. 5(4), e61.

### PRESENTATIONS

- 2019 **DeJohn, AD** "Characterizing Transit Access to SNAP Retailers in Michigan MPOs using Schedule-Based GTFS Data." Michigan Transportation Planning Association Annual Conference (July 26th, 2019, Lansing, MI).
- 2018 **DeJohn, AD** "Perils of pursuit: Understanding Autonomous Vehicles and their Impact on American Life." James Madison College Senior Research Showcase (April 27, 2018, East Lansing, MI).
- 2018 **DeJohn, AD**, Schulz EE, Pearson AL, Lachmar EM, Wittenborn AK "What drives people to virtual communities for mental health support? A study of tweeting and community characteristics." AAG 2018 (April 10, 2018, New Orleans, LA).
- 2017 **DeJohn, AD**, Schulz EE, Pearson AL, Lachmar EM, Wittenborn AK [Poster Presentation] "Identifying and understanding communities where Twitter is used to connect about depression" MidSURE Symposium (July 26, 2017, East Lansing, MI).

### FUNDING

- 2017 "Identifying and understanding communities where Twitter is used to connect about depression," Provost Undergraduate Research Initiative, Michigan State University (US\$1000). Student: A DeJohn. PI: A Pearson.

### HONORS & AWARDS

- 2018 Frank H. Knight Scholarship, \$500
- 2018 MSU Geography Travel Award, \$500
- 2017 **Beinecke Scholarship, \$34,000**  
*Awarded to 20 US students annually for graduate study*
- 2015 Outstanding Delegate, University of Chicago Model United Nations
- 2014 Spartan Advantage Award, ~\$85,000
- 2014 Davison Optimist Club Scholarship, \$4,000

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2014 Edward J. Barant Scholarship, \$1,400

### **RESEARCH EXPERIENCE**

- 2018-Present Research Assistant for Dr. Michael Widener  
Department of Geography & Planning, University of Toronto
- 2017-2018 Research Assistant for Dr. Amber Pearson  
Department of Geography, Michigan State University
- Compiled datasets on variables characterizing neighborhood conditions
  - Performed lit reviews relating to social decay, community efficacy, and neighborhood decline
  - Conducted geostatistical analyses to understand relationships between the built environment and social outcomes

### **TEACHING EXPERIENCE**

- 2018 Teaching Assistant – Introduction to Geographic Information Systems & Mapping  
Department of Geography & Planning, University of Toronto
- Held weekly help rooms
  - Graded assignments
  - Responded to questions on the discussion board
- 2018 Teaching Assistant – Advanced Geographic Information Systems & Mapping  
Department of Geography & Planning, University of Toronto
- Ran weekly lab-based tutorials
  - Graded assignments

### **PROFESSIONAL EXPERIENCE**

- 2016-2018 Student Assistant  
Data Oversight & Geospatial Management Section, Michigan Department of Transportation
- Analyzed & segmented traffic patterns on 300,000+ roads using Geographic Information Systems
  - Maintained 67 fields of data reported to the Highway Performance Monitoring System (HPMS)
  - Led efforts to conflate HPMS data with new federally mandated congestion data
  - Edited Michigan Geographic Framework road network to reflect Act-51 ownership
- 2015-2016 Student Assistant  
Institutional Review Board, Michigan State University
- Familiarized researchers with federal IRB protocol to limit protocol violations
  - Streamlined administrative practices and coordinated data management efforts

### **LEADERSHIP & SERVICE ACTIVITIES**

- 2018-Present Landscape and Urban Planning Journal Referee
- 2018-Present GeoHealth Network Volunteer  
*Assisted students in a GIS/Mapping seminar hosted by GeoHealth Network; Chaired Mental Health Panels at 2019 conference.*

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- 2014-2018 Michigan State University Model United Nations  
Committee Chair, Committee Crisis Director, Senior Staff  
*Non-profit facilitating collaborative debate on foreign and domestic affairs*
- 2015-2018 Michigan State University International Relations Organization  
Assistant Vice President of Technology and Operations  
*Competitive collegiate Model United Nations team*
- 2014-2018 Honors Students Actively Recruiting (H-STAR)  
*Hosted perspective undergrads and participated in panels to recruit Honors College students*
- 2017-2018 French Tutor
- 2015 Together We Rise bike build  
*Coordinated and ran bike build benefiting Michigan foster kids*

## MEMBERSHIPS

- 2018 **Member**, American Association of Geographers  
*Health and Medical Geography Specialty Group*  
*Transportation Geography Specialty Group*  
*Geographic Information Systems and Science Specialty Group*
- 2018 **Member**, Network on European Communications and Transport Activities Research (NECTAR)

## TECHNICAL SKILLS & LANGUAGES

Coding and statistical software – R Studio, Stata  
Spatial software – ArcGIS, ArcGIS Pro, QGIS  
Data visualization software – Adobe Photoshop, ArcGIS Online, Inkscape  
Programming languages – Python, Linux Shell

English, French (Proficient)