Amber D. DeJohn

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EDUCATION

2019-Present   PhD Student, Human Geography, University of Toronto
Supervisor: Dr. Michael Widener

2018-2019   MA, Human Geography, University of Toronto
Thesis: *Transit access to subsidized food stores in the American Midwest*
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** [Poster Presentation] "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

2019   John Horner Graduate Scholarship, $1,100
2019   University of Toronto Entrance Award, $2,500
2019   Aalto University Summer School Scholarship, $300
2019   University of Toronto Geography Travel Award, $800

2018	Frank H. Knight Scholarship, USD$500
2018	MSU Geography Travel Award, USD$500
2017	**Beinecke Scholarship, USD$34,000**
	Awarded to 20 US students annually for graduate study
2014	Davison Optimist Club Scholarship, USD$4,000
2014	Edward J. Barant Scholarship, USD$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

2019   Teaching Assistant – Introduction to Analytical Methods
Department of Geography & Planning, University of Toronto
- Taught three, one-hour tutorials weekly
- Held office hours
- Proctored exams

2019   Teaching Assistant – Special Topics in GIS: Programming in ArcMap
Department of Geography & Planning, University of Toronto
- Aided students in a weekly tutorial
- Graded assignments

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

2019-Present   University of Toronto Gradlife Student Committee Member

2018-Present   Landscape and Urban Planning Journal Referee

2018-Present   GeoHealth Network Volunteer
Chaired Mental Health Panels at 2019 conference; Assisted students in a GIS/Mapping seminar hosted by GeoHealth Network.

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

2015   Together We Rise bike build
Coordinated and facilitated 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)