Brittany M. Krzyzanowski

Ph.D. Student, Graduate Research Assistant
Department of Geography, Environment, and Society   krzyz016@umn.edu
University of Minnesota, Twin Cities   brittanykrzyzanowski.weebly.com/

EDUCATION

Ph.D.	The University of Minnesota, *in progress* Geography, Environment, and Society Advisor: Dr. Steven Manson	2014-Present
M.S.	Central Michigan University Experimental Psychology Thesis: Antiparkinsonian and Levodopa Potentiation Effects of Idazoxan in the 6-Hydroxydopamine Model of Parkinson's Disease	2011- 2013
B.A.	Winona State University Major: Psychology, Minor: Geoscience	2007- 2011

PROFESSIONAL EXPERIENCE

UNIVERSITY OF MINNESOTA

Research Assistant	Academic Innovation Grant, with S. Manson	2016 - 2017
Lab Instructor	Course: ArcMap I, with Mark Lindberg	2016
Research Assistant	Informatics Grant, with Pui-Ying Iroh Tam	2015 - 2016
Teaching Assistant	Course: ArcMap II, with Mark Lindberg	2016
Lab Instructor/TA	Course: Principles of GIS, with Ying Song	2015
Research Assistant	U-Spatial Help Desk, with Len Kne	2014 - 2016

CENTRAL MICHIGAN UNIVERSITY

Research Assistant	Psychology Department, with Justin Oh-Lee	2011 - 2013
Teaching Assistant	Course: Intro to Psychology, with Brian Gibson	2012 - 2013

WINONA STATE UNIVERSITY
Teaching Assistant   Course: Dynamic Earth Lab, Geoscience Dept   2009 - 2010

PUBLICATIONS

JOURNAL ARTICLES

Iroh Tam, P., Krzyzanowski, B., Oakes, J., Kne, L., and Manson, S. (2017). Spatial variation of pneumonia hospitalization risk in Twin Cities metro area, Minnesota. Epidemiology and Infection, 1-10. doi:10.1017/S0950268817002291

ABSTRACTS

Kerr, M.J., Honey. M. L., Krzyzanowski, B.(2016). Geo-spatial Informatics in International Public Health Nursing Education. *Studies in Health Technology and Informatics*, 225:983-4.

PRESENTATIONS

B. Krzyzanowski (2017). Promoting an understanding of the Modifiable Areal Unit Problem in Public Health and Epidemiology with dynamic geovisualization. Presented at the GEOMED International Conference in Porto, Portugal.

Kne, L., Lindberg, M., Knoop, P., and B. Krzyzanowski (2017). Connecting ArcGIS Online and Learning Management Systems. Presented at the Esri Education User Conference in San Diego, CA.

Krzyzanowski, B., Hirsch, A. T., Manson, S. M., Duval, S., Oldenburg, N., Luepker,R. V., and Kne, L. (2017). Creating exchangeable treatment groups for public health community intervention trials: Zone design and regionalization for the Ask About Aspirin Initiative. Presented at AAG in Boston, MA.

Kerr, M. J., OiSaeng, H., Gao, G., Monson, K.,and B. Krzyzanowski (2016). PHNs and big data: Emerging geospatial methods. Presented at the American Public Health Association Annual Meeting in Denver, CO.

Krzyzanowski, B. (2015). Esri's Business Analyst for Cardiovascular Disease Prevention. Presented at the Esri International User Conference, San Diego, CA.

Krzyzanowski, B. M. (2013). Antiparkinsonian and Levodopa Potentiation Effects of Idazoxan in the 6-Hydroxydopamine Model of Parkinson's Disease. Presented at the Student Research and Creative Endeavors Exhibition, Central Michigan University, Mount Pleasant, MI.

Krzyzanowski, B. M. (2011). Lithium Transfer in Tomato Plants: Implications for Lower Prevalence of Bipolar Disorder, Suicide, and Aggression in Regions with High Lithium Soils. Presented at the Midbrain Undergraduate Psychology Research Conference, St. Olaf College, Northfield, MN.

Fitzgerald, M., Glavanovich, N., Howes, N. and Krzyzanowski, B. (2010). Survey of College Drug Use: is Deja-vu (JWH-018) a New Trend? Presented at the 20th Annual Tri-State Undergraduate Psychology Research Conference, Loras College, Dubuque, IA.

AWARDS

Consortium Student Scholar Award Consortium on Law & Values in Health, Environment & the Life Sciences	University of Minnesota	2017
Peter Gould Student Paper Competition Finalist	Health/Medical Geography Specialty Group AAG	2017
Student Assistantship	Esri User Conference	2016
COGS Conference Travel Grant	University of Minnesota	2015
MHHP Conference Travel Grant	University of Minnesota	2015
U-Spatial Conference Travel Grant	University of Minnesota	2015
Ardis Serafin Young Scholar Award	Winona State University	2011
Alliss Academic Scholarship	Winona State University	2010
Alliss Academic Scholarship	Winona State University	2008

PROFESSIONAL SERVICE

Guest Lecturer: Mapping and GIS	Data Science Methods for Clinicians	2017
Guest Lecturer: GIS in Epidemiology	Urban GIS and Analysis	2017
Guest Lecturer: GIS in Public Health	Nursing Informatics DEEP Day	2017

Student Assistant	Esri User Conference	2016
Guest Lecturer: Apps, Maps, Google	Public Health Summer Institute	2016
Conference Workshop Assistant	GIS/LIS K-12 Educator Day	2015
AWK Workshop Organizer	Department of Geography	2015
Ebola Crisis in Liberia Mapathon Organizer	School of Nursing	2014
Open Street Map Training Provider	School of Nursing	2014
Athletic Academic Tutor (Psychology, Statistics)	Central Michigan University	2013
Academic Tutor (Geosciences)	Winona State University	2011

SKILLS

Proficient in: ArcMap Desktop, ArcPro, Esri Business Analyst, ArcOnline, GeoDa, Open Street Maps, QGIS, CartoDB, STATA, R-Project, research/grant writing, survey construction
Experience with: TerrSet Idrisi, PostgreSQL, Jupyter Notebooks, pgAdmin, Python, HTML, CSS, JavaScript, GitHub, SPSS, SAS, DataPro, Google Earth, Erdas Imagine, SaTScan

RESEARCH INTERESTS

Health Geography, Human/Environment Interaction, Regionalization, MAUP, Public Health Methods, Aging Population, Social Epidemiology, Behavioral Health, Menopause, Health Disparities, Psychology, Climate/Environmental Factors of Health, Chronic Disease Epidemiology