

Jared Schenkel

1131 Derby Hall, Department of Geography, The Ohio State University
154 North Oval Mall, Columbus, OH 43210
Email: schenkel17@buckeyemail.osu.edu
TEL: (732) 947-7615

EDUCATION

- Aug. 2017 – present **M.A. in Geography**
Department of Geography, The Ohio State University
- Sep. 2012 – May 2017 **B.A. in Geography**
Department of Geography, Rutgers University—New Brunswick

AWARDS and HONORS

- May 2017 **Andrew Hill Clark Prize, Rutgers University**
May 2016 **Texas A&M REU: CyberHealthGIS, Texas A&M University**
May 2015 **2014 - 2015 Academic Excellence Award (awarded to top 10% students)**

RESEARCH EXPERIENCE

- Sep. 2016 – May 2017 **Research Project:** Using GIS to Assess Fishing Communities and Adaptation to Environmental Change
- Research Assistant
 - Used R and ArcMap to assess the spatiotemporal impact of climate-change-induced marine species migrations on fishing communities along the northwest Atlantic from 1996 to 2015.
 - Results were presented at the Physical Geography Poster Session, AAG Annual Meeting, 2017.
- Jun. 2016 – Aug. 2016 **Research Project:** Identifying Potential Mosquito Breeding Grounds: Assessing the Efficiency of Unmanned Aerial Vehicles for Public Health Surveillance
- Research Assistant
 - Texas A&M REU: CyberHealthGIS - Multidisciplinary Research Experiences in Spatial Dynamics of Health (NAF Award # 1560106)
 - Conducted research in UAV remote sensing in application to public health
 - Assessed UAV efficiency in identifying man-made containers that can serve as breeding grounds for the Aedes Aegypti mosquito.
- Jan. 2016 – May. 2016 **Research Project:** Faculty-Sponsored Undergraduate Research
- Research Assistant

- Used geospatial and quantitative skills in organizing and analyzing meteorological data from two weather stations based on the southwestern Greenland Ice Sheet to monitor future conditions at the sites.
- Results were presented at the Aresty Undergraduate Research Symposium, Rutgers University, Spring 2016

RELATED PROFESSIONAL SKILLS

Tools for data analysis: ArcMap, QGIS, Pix4dmapper, Excel, R, Python
 Other skills: Garmin GPS, UAV piloting, ERDAS

TEACHING EXPERIENCE

Aug. 2017 – Dec. 2017

Course Title: Fundamentals of GIS,
 GEOG 5210
 Department of Geography
 The Ohio State University

Jan. 2017 – present

Course Title: Cartography and Map Design,
 GEOG 5200S
 Department of Geography
 The Ohio State University

COMMUNITY INVOLVEMENT and OUTREACH

Jan. 2015 – May 2015

Program: CESEP (Community Engagement & Service Education Partnership)

- Service learning course embedded with Rutgers University
- Worked with the New Brunswick Community Food Alliance
- Created a map of the most suitable roads for mobile food vendors to operate on in New Brunswick, New Jersey.