

Jacklynn K. Beck

1070 Derby Hall 154 N. Oval Mall Columbus, Ohio | 217-460-2504 | beck.746@osu.edu

Education

The Ohio State University | Columbus Ohio

Bachelor of Science – Atmospheric Sciences May 9, 2021

Cumulative GPA: 3.207

Major GPA: 3.515

Lake Land College | Mattoon Illinois

Associates in Science – Earth Sciences May 11, 2018

Certificate – Geospatial Technology August 4, 2017

Cumulative GPA: 3.38

Relevant Coursework

Boundary Layer Microclimatology, and Microclimatological Measurements

Synoptic Meteorology Lab, Synoptic Meteorology Analysis, and Severe Storm Forecasting

Atmospheric Thermodynamics, and Dynamic Meteorology I & II

Climatology, Fundamentals of GIS, Cartography and General Chemistry I

Calculus I, II, III, Differential Equations and Physics I & II

Research Experience

Graduate Research Associate August 2021 – Present

The Ohio State University

Supervisor: Dr. Steven M. Quiring

Project: Developing an Objective, Impacts-Based Framework for Drought Mitigation Activities in Ohio

Responsibilities:

- ◆ Analyzing qualitative data impacts
- ◆ Acquisition of Ecological Drought Data from various databases

Student Research Assistant August 2020 – August 2021

The Ohio State University

Supervisor: Dr. Steven M. Quiring

Project: Developing an Objective, Impacts-Based Framework for Drought Mitigation Activities in

Curriculum Vitae for Jacklynn K. Beck

Ohio

Responsibilities:

- ◆ Acquisition and organization of qualitative data impacts
- ◆ Contacting and collaboration with various state agencies
- ◆ Data analysis of Ohio impact data from 1990-2020

Student Research Assistant

January 2021 – June 2021

Byrd Polar and Climate Research Center

Supervisor: Mr. Jim Q. DeGrand

Project: Urban Heat Island Study across The Ohio State University Main Campus.

Responsibilities:

- ◆ Installation and maintenance of ClimaVUE sensors
- ◆ Identifying suitable sites for stations in local microclimate zones
- ◆ Calculating sky view factor, building surface fraction, pervious and impervious surface fraction, and height of roughness elements.
- ◆ Data analysis of ClimaVUE sensor data

Leadership Experience and Employment

President & Founder, Chi Epsilon Pi Honor Society	Fall 2020 - Present
Summer Volunteer, National Weather Service, Jackson MS.	March 2021 – August 2021
President, Scarlet & Gray Forecasting Team	Fall 2020 – Spring 2021
Producer, Scarlet & Gray Gameday Forecast	Fall 2019 -Spring 2021
Summer Intern, University of Illinois Extension	Summer 2019
Student Assistant, Department of Geography	Fall 2018 - Present
Treasurer, Scarlet & Gray Forecasting Team	Fall 2019 – Spring 2020
Peer to Peer, Lake Land College Math & Science Division	Spring 2017 – Spring 2018
President, Lake Land College Environmental Club	Fall 2016 – Spring 2018

Organizations

American Meteorological Society	Fall 2020 – Present
Meteorology Club at The Ohio State University	Fall 2018 – Present
Collegiate 4-H at The Ohio State University	Fall 2018 – Spring 2021
Inducted into National Society for Leadership and Success	2018
Illinois GIS Association	Fall 2017 – Present

Curriculum Vitae for Jacklynn K. Beck

Inducted into Phi Theta Kappa Honor Society 2016

Awards

Illinois Farm Bureau & Affiliates Premier 20 LCP Award 2017

Salute to Illinois Scholars Recipient 2017

Bonny Potter Memorial Scholarship 2016 & 2017

Mike Nauta & Chuck Womack Memorial Scholarship 2016

Applicable Skills

Microsoft: Word, Excel, Access, PowerPoint, Publisher, and Visio

GIS Software: ArcMap, Business Analyst, ArcGIS Pro, QGIS and ERDAS Imagine 2020

Campbell Scientific Software: PC200W and ShortCut

Adobe: Illustrator, Photoshop, and Premiere Pro

Programming Language: Python