

# Jessica Tagudar

RESEARCH ADMINISTRATION GRADUATE ASSISTANT

Grand Rapids, Michigan

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## Education

### Grand Valley State University

BS IN ALLIED HEALTH SCIENCES

Allendale, MI

Aug. 2017 - April 2020

- Major: Allied Health Sciences; Minor: Applied Statistics
- Overall GPA: 3.4
- Applied Statistics GPA: 3.9
- Dean's List: 2019, 2020
- Related Coursework: Statistical Quality Control, Intermediate Applied Statistics, Design of Experiments, Introduction to Biostatistics, Regression Analysis, Statistical Computing, Introduction to Health Care Research

### Grand Valley State University

MS IN BIOSTATISTICS

Grand Rapids, MI

Aug. 2020 - Present

- Expected Graduation: April 2022
- Related Coursework: R Programming, Bioinformatics, Applied Statistics for Health Professions
- Interests: Biostatistics, Data Analytics, Research, Epidemiology

## Relevant Skills

I developed a variety of skills through coursework and work experience.

SAS

R Studio

SPSS

JMP Pro 14

Proficient in Microsoft programs, specifically Excel tools such as Pivot Tables

Data collection and data transferring to/from various software

Data software such as Cayuse and Streamlyne

Phlebotomy Technician Certified

## Work Experience

### Center for Scholarly and Creative Excellence - GVSU

RESEARCH ADMINISTRATION GRADUATE ASSISTANT

Allendale, MI

Aug 2020 - Present

- COVID-19 Research
- Managing COVID-19 Testing Facility
- Assist with Office of Sponsored Programs with monitoring contracts and other duties

### Center for Scholarly and Creative Excellence - GVSU

RESEARCH ADMINISTRATION STUDENT ASSISTANT

Allendale, MI

November 2018 - April 2020

- Collected and converted data to and from various databases
- Data analyzing and data cleaning
- Prepared the company for a new software launch by organizing research projects from 2011 to 2020
- Ensured that finished research projects contain all of their necessary documents to secure their completion – such as budget forms and fully executed contracts
- Attended conference calls to stay on track with other companies for the launch of our new software
- Prepared learning modules directed toward faculty and staff to learn about the new software

### Fifth Wheel Freight

DATA ANALYTICS INTERN

Kentwood, MI

May 2019 - Aug 2019

- Interpreted data, analyze results using statistical techniques and provide ongoing reports
- Developed and implement databases, data collection systems, data analytics and other strategies that optimize statistical efficiency and quality
- Identified, analyzed, and interpreted trends or patterns in complex data sets
- Filtered and “cleaned” data by reviewing computer reports, printouts, and performance indicators to locate and correct code problems
- Worked with management to prioritize business and information needs
- Located and defined new process improvement opportunities

### Butterworth Hospital - Spectrum

NURSE TECHNICIAN

Grand Rapids, MI

September 2018 - November 2018

- Obtained vital signs and reported any abnormalities or changes in patients' condition and behavior
- Assessed patients with daily activities and providing dietary and hygienic care

## Research Experience

My research experience contains a personal project and an assisted project.

## Grand Valley State University

### PRIMARY RESEARCHER - COVID-19 PREDICTIVE DATA ANALYSIS

- Objective: To use predictive analytic models to create a risk forecast of COVID-19 for GVSU, using test result data from Trident Labs.
- Visualizations are created using R Studio.

Allendale, MI

Oct 2020 - Present

## Grand Valley State University

### RESEARCH ASSISTANT - FEV 1.0 AND LUNG CAPACITY IN BAND STUDENTS (BY DR. DEBORAH LOWN AND TRENTON DALM, GVSU

#### STUDENT)

- Objective: To test the effectiveness of the pulmonary exercises taught by Breathing Gym on functional lung capacity and FEV 1.0 in Grand Valley State University marching band students.
- My responsibilities included the following: Assisted with data collection using spirometers and weight/height measuring tools, analyzed and organized data to find trends over the semester, provided insight on conclusions

Allendale, MI

June 2019 - Apr 2020

## Awards & Achievements

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### SCHOLARSHIPS

2017-2020 GV Laker Scholarship

2019 &  
2020 Statistics Book Scholarship

2017 Believe in Yourself Scholarship

GVSU

GVSU - Statistics

Department

SJPS Foundation

## Citation

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