

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 - Apr. 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 by monitoring contracts and other duties

Center for Scholarly and Creative Excellence - GVSU

RESEARCH ADMINISTRATION STUDENT ASSISTANT

Allendale, MI

Nov. 2018 - Apr. 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

Sep. 2018 - Nov. 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

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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