Yeriko Vargas February 2, 2017

2695 Beacon Hill Drive Apt 207,

Auburn Hills, MI

E: [ygvargas@oakland.edu](mailto:ygvargas@oakland.edu)

P: 248.376.8505

The Michigan Emergency Department Improvement Collaborative (MEDIC)

Attention: Hiring Manager

RE: Senior Statistician

Dear Hiring Manager,

Statistics science and the SAS program are the best combination for the analysis of big data sets. I am a student majoring in applied statistics with a math minor graduating in April 2017. I have experience working as a lab monitor assisting students with SAS and R programing languages. I currently work grading homework for three statistics professors at Oakland University followed by the analysis of each student’s data at the end of every semester. I excel in the usage of the SAS program, which I find very useful for multiple analyses including but not limited to ANOVA, design and analysis of experiments, and matrix methods in multiple regression.

My understanding of various data analysis techniques and a considerate number of tools such as SAS have been taught to me by Dr. Ravindra Khattree (a professor focused on the research of design of experiments) , whose advisor C. R. Rao was the mentee of the late father of modern statistics, Sir Ronald Fisher. Such privilege has helped me to build a very unique analytic perspective that pushed me even further to realize that this career will have the most positive impact in my life and in my community. For instance, I have a high interest in the promotion of public health and how data can improve the health and quality of people’s lives and using statistics to solve real world problems.

I am confident that I can bring the required skills to this company. While searching for statistics jobs specifically related to the usage of statistics in hospitals and/or clinics, I came across this project and literally stood out to me over other similar positions. If provided the opportunity to work at The Michigan Emergency Department Improvement Collaborative, I would bring to the team not only my experiences, but also my enthusiasm for helping people.

Thank you for your time and consideration. I would be delighted to have the opportunity to have a conversation with you about my qualifications for this position. I can be reached at [ygvargas@oakland.edu](mailto:ygvargas@oakland.edu) or 248.376.8505.

Best,

Yeriko Vargas