

## Honors Project Proposal

I am an aspiring nursing student and I strongly feel by expanding my chemistry course through the Honors experience will be a tremendous asset to future studies.

Gas care is essential in Healthcare science in many applications because, the delivery of oxygen to cells is crucial for life. In fact compressed gasses are used every day for a multitude of uses in a hospital. These uses include ventilators, oxygen masks and even in detection equipment to monitor the concentration of gasses dissolved in blood. In fact the human body itself exploits gas laws as lungs expand and contract.

For my Honors Experience Project I plan to write a chemistry based research paper that is ten to fifteen pages (double spaced) in length. The paper will examine and explain how gas laws are a crucial part of the healthcare sciences. It also will explore how the lack *of*, or the improper usage of these laws can potentially have a detrimental outcome. Furthermore the paper will also demonstrate how many medical equipment advances would not be possible without the usage of gas laws.

Throughout the process of this paper I will use various databases including Ebsco and Proquest. From these databases I will gather at a minimum, ten different academic sources from peer- reviewed journals, and similar sources of academic rigor.

The projected time line for this project will be as follows; the first assignment due date will be on Monday October 17th, which I will submit a reference list to my mentor. The following Wednesday, October 19, he will return my list to me with potential suggestions. The next due date will be on Wednesday October 26th, where I will turn in an outline of my paper. The Following Monday October 31, he will hand back my outline with suggested revisions, addendums and or extractions. The first draft is to be handed in by me on the November 16th,

any revisions to the paper will be returned to me by the 21st of November. I then will submit the second draft of my paper on the 28th of November, and the paper will be returned to me on the 30th of November with all needed revisions. My final draft will be submitted on the 12th of December.