
WEEKLY SPONSOR COMMUNICATION

TO: VICTOR NUNEZ, AESCULAP
FROM: CASSIE CHRISTMAN
EDITOR: CHRISTIAN DAVIS
TEAM NAME AND NUMBER: AESCULAP 1
DATES COVERED IN THIS COMMUNICATION: AUGUST 29, 2016 TO SEPTEMBER 4, 2016
WEEK NUMBER: 1 OF 15

Introduction

Our team is excited to be back at school to continue the work we have done on your project. We have high expectations of the work we will accomplish this semester.

Our team now consists of three bioengineering majors and two mechanical engineering majors; Cassie Obzud, unfortunately, graduated in May and will no longer be working on this project. As a refresher, Exhibit 1 displays our names, academic years, contact information and majors.

Christman, Cassie	Senior	clc217@lehigh.edu	BioEngr
Davis, Christian	Senior	ctd217@lehigh.edu	ME
Haupt, Alexis	Senior	anh217@lehigh.edu	BioEngr
Loughran, Brian	Senior	btl217@lehigh.edu	ME
Sargeant, Jadon	Senior	jts317@lehigh.edu	BioEngr

Exhibit 1 Team Contact Information

For clarification, the sponsor communication brief will be emailed to you by Brian, our team liaison, on a weekly basis every Monday by midnight. The brief will consist of the progress of our work from the previous week (Monday-Sunday).

Overview

This week we determined what we will focus on and achieve this semester to generate a flexible plan of action. We also reviewed the comments we received from our peers on our final presentation.

Accomplishments

1. During our first team meeting, we established the what we would like to accomplish this semester. We will focus on fabricating, building and testing prototypes of the design we created last semester. We plan to finalize our bill of materials and engineering drawings by constructing detailed CAD models of the

design and running simulations of its expected performance. From the information collected from these simulations, we will revise the design until it satisfies all of the instrument's requirements you provided us with. If time permits, we would also like to 3D print a fully functional prototype of our final design.

2. We also reviewed the comments we received from our peers on our final presentation in May. In general, most thought our presentation was comprehensible and well done. They recommended we review our financial analysis again once we have a clearer idea of the design of the parts; the finalized bill of materials we develop this semester will help with this. They also suggested that we focus on presenting the importance of the tactile feedback the surgeon will feel while using the device.

Next Steps

1. We will develop a more complete breakdown of how we will accomplish our goals for this semester, possibly by utilizing a Gantt chart.
2. We will select a CAD software we will use to model our design.