
INTEROFFICE MEMORANDUM

TO: DR. ARCHIBALD
FROM: TAYLOR GOODWYN
SUBJECT: LAB 11 CCAT SERC TOURS
DATE: 15 NOVEMBER 2019

Purpose:

This memo summarizes our tours of CCAT and SERC. In this memo I highlight the most interesting project I learned about during the tour.

Introduction

The purpose of this trip is to help expose us to more on campus opportunities that could lead to internships and jobs.

Discussion:

During our tours of CCAT and SERC, the project that most caught my attention was of the rain water catch system at CCAT. The way it functions is it is caught and filtered at gutter sites of various buildings, parts of it tube off to be treated and stored for personal and garden use. Another section of it tubes off and goes through a series of black tunnels. The goal of this one is to have a completely solar powered heated water system; the result was a luke-warm water that came out of the faucet but I thought the idea was very interesting considering how low energy and low maintenance a system like this is.

If this system could be improved this would be a very low cost way to provide hot water for areas, but that would require a lot more research.

Conclusion:

I really enjoyed the tours, I think I am going to begin volunteering at CCAT soon and hopefully be able to work on improving the rainwater catch system.