



STUDENT SUSTAINABILITY COMMITTEE

Semesterly Report

Thank you for your commitment to green initiatives at the University of Illinois. One of the ongoing requirements listed in the terms of the funding agreement for your project is the submission of semesterly reports with key information about your project. In addition to this form, please provide additional financial documentation and/or progress photos if available.

Please be as accurate as possible in describing the project (including possible setbacks or challenges in meeting the initial goals of the project). Not fully meeting your project's goals will not disqualify you from making future funding requests as long as your reports are as complete and accurate as possible. If you have any questions, please contact the Student Sustainability Committee, at sustainability-committee@illinois.edu.

Project Name: Bee Research Facility Sustainable Auxiliary Building, the building has been renamed as the Colony Overwintering and Monitoring Building (COMB).

Date of Report Submission: 12/13/2019

Project Purpose:

The importance of honey bees cannot be understated; they are responsible for pollinating 1/3 of the food supply in the USA, worth \$15B annually. But bees are experiencing steep population declines, and beekeepers nationwide fight against the 4 P's: parasites, pesticides, pathogens and poor nutrition to keep their colonies alive and healthy. The Bee Research Facility requested and received funding from the SSC to construct a Colony Overwintering and Monitoring Building (COMB), formerly called Sustainable Auxiliary Building, enabling expansion of a cutting-edge research system able to study the 4 P's in unprecedented level of detail. Overwintering colonies indoors will increase colony survival and the sustainability of campus resources, and provide further research opportunities.

Detailed Accounting of Expenditures to Date:

To date, expenditures total \$7,775.70 for F&S design services for the building, as outlined below:

<u>Paid Date</u>	<u>Vendor Name</u>	<u>Expense Amount</u>
08-31-2019	KV361-028 WO10720140 engineering design services new shed facility	\$ 736.78
10-31-2019	KV361-028 WO10720140 - design services for new bee shed facility	\$ 2,484.34
11-30-2019	KV361-028 - WO10720140 Bee Shed - design services	\$ 4,554.58
Total current expenditures		\$ 7,775.70

Project Progress to Date:

We are currently finalizing the design of the building. While, in our proposal, the design phase was projected to be completed by 8/1/2019, the design process was deferred in order to continue accumulating knowledge, to better inform design decisions, from ongoing experiments and from an international beekeeping conference held in September 2019 attended by the Bee Research Facility Manager.

Comprehensive building designs were completed by F&S and received by us on 12/6/2019. We are currently in the process of reviewing the designs with researchers and faculty.

Student Involvement and Outreach to Date:

We asked for students participating in research projects at the Bee Research Facility to propose and vote on the new building's name.

Marketing and Promotion Efforts to Date:

To date, there has not yet been marketing and promotional efforts.

Additional Comments:

Alison Sankey, SSC grant applicant and former contact for the Bee Research Facility, is separating from the university. Nathan Beach is the new Bee Research Facility Manager and future contact for the COMB project and steward of the SSC grant.