

Idea Paper Name: Ethnobotanical Map

Stage / Phase	Description
Milestone 1: Idea Paper	
Semester & Year Idea Paper Submitted	Spring 2021
Idea Paper Author(s), Major(s), expected graduation year & Semester	Josefina Barrantes, Political Science & Environment and Community Dual Degree Program, Spring 2022
Date Idea Paper Voted on By Committee (Date aligns to Committee Mtg Minutes)	5/12/2021
Approved for Development (Yes / No)	Motion by Andrea: Allocate \$7500 to continue work on the ethnobotanical map for Fall 2021 for three student workers (students already involved with project would be selected for this work) 1. Second: Klara 2. Approve: 6 3. Disapprove: 0 4. Abstain: 1

Do you have any established partners on campus for this project/Idea?

Katie Koscielak who is a sustainability analyst from Facilities Management and Green Campus will continue as the Advisor to the project.

I will be the Student Lead for the project. I will track progress made by the Interns as well as other coordination needed.

Jim Graham, a geospatial scientist who is an Associate Professor here at HSU is helping the students with the mapping portion of the project.

Larry Nichols, a gardening specialist for HSU, is also supporting students who are working to identify plants in this project.

Tom Williams, the Grounds and Waste Coordinator for facilities management is also helping students in this project.

Zeen Vincent and Sandra Zepeda are the Interns getting paid for this project. Sandra is majoring in Botany with a minor in Geospatial Analysis. Zeen is majoring in Environmental Studies and Community Organizing, and their minor is Chinese. Max's major is Botany.

Idea Description:

This project will create a digital map of the HSU campus in preparation for bringing edible landscape to our campus community as per the recommendation of facilities management. This is an educational project as students will be taking note of all the plants scientific and common names, their uses and their edibility. In addition to this students will be physically gathering the coordinates of each plant to log into a map that will record all the information. There is a map that exists of certain plants/trees but it is not inclusive of all the plants and their uses. 3 interns have been working on this project by mapping out quadrant B of the campus (back to Founders to Science B). We wish to continue this project next semester so that we can complete the entire map of the campus.

Need Statement:

Our campus needs this project for two reasons. Making an interactive map with all the plants on campus will allow students and visitors to learn what is surrounding them when they are on campus. This is important for educational reasons in addition to learning edibility and uses of plants can connect our campus community to nature even more. In addition to this, we have been advised that this needs to be done and will help us get closer to creating edible landscape on campus. Edible landscape is important to our campus community because it will make free fresh produce available to our students. This can be very important because many students at this University are food insecure. Many don't have the luxury of having fresh fruit at their disposal. This would bring that to our students lives.

Expected Outcome:

The expected outcome of this project is to map another quadrant of campuses plants next semester.

HEIF Goals this Project will Accomplish:

The HEIF will achieve its mission through projects that are developed by students and, to the extent possible, implemented, monitored, and maintained with strong student involvement., The HEIF will require accountability by measuring and reporting quantitative and qualitative results, as well as levels of involvement by students and other participants, in all its projects., The HEIF will strive to make its projects derive from and be connected to the curriculum of the university., The HEIF will support the dissemination of information about its projects through public outreach and educational activities., The HEIF will seek to publicize accomplishments and experiences associated with its program and projects through a variety of media.

Link to Supporting Documents:

None