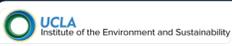


Green Buildings Team 2016

Leaders: Rachael Lee and Carolina Villacis

Members: Kaylyn Levine, Leah Lippman, and Keara Tuso

UCLA Institute of Environment and Sustainability



VIRTUAL INTERFACE RESULTS

- Created Facebook page titled UCLA Spaces that shares information on student spaces across North, Central, and South Campus.
- Currently has 240 likes and over 300 views.

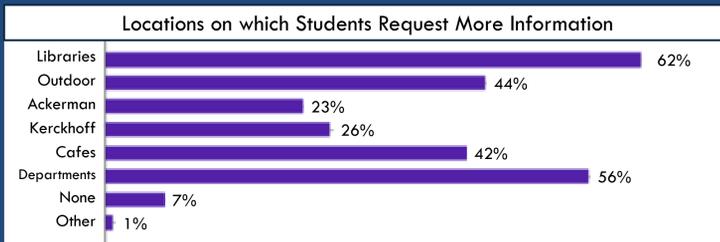


Figure 1: An excerpt of our survey results depicting the locations about which students are interested in receiving more information; top locations include campus libraries, departmental buildings, and outdoor spaces.

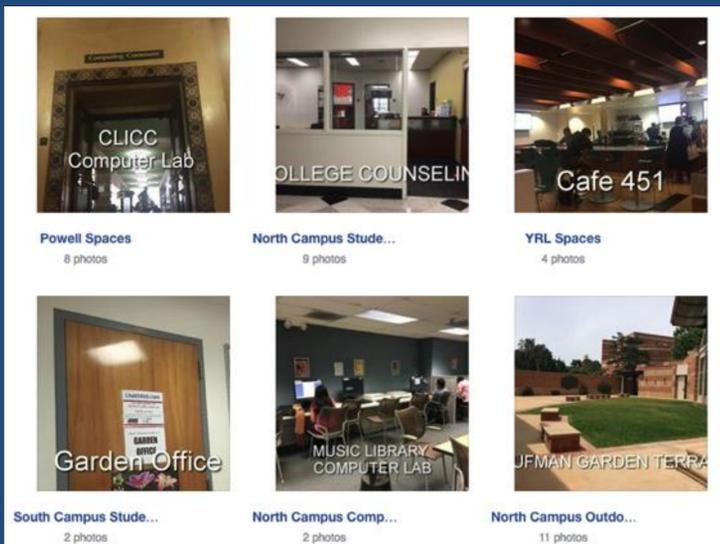


Figure 2: Examples of our UCLA Spaces photo albums; the Facebook page has a total of 17 albums. Categories: Outdoor Spaces; Study Spaces; Eateries; Student Services; Computer Labs; Powell; Young Research Library



Figure 3: A sample of a location on the UCLA Spaces Facebook page, includes a photo and informative caption detailing space amenities, hours, website, and link to map.

INTRODUCTION

As part of the Sustainability Action Research program at UCLA's Institute of the Environment and Sustainability, the Green Buildings Team is working to maximize space utilization on campus in order to limit waste of current resources as well as mitigate unnecessary future construction. We aim to improve knowledge and physical use of spaces by addressing student-voiced concerns. Our completed projects are 1) a website that aggregates useful information about UCLA campus spaces; and 2) plans for the renovation of an outdoor campus space.

METHODOLOGY

Focus Groups:

- Developed space principles from two focus groups, with 14 undergraduate participants.

Case Study Research:

- Researched sustainable space projects at other universities.

Student Survey:

- Created a survey to collect student opinion data from 100 undergraduates.

Business Case Analysis:

- Defined project drivers, alternative options, and recommendations for virtual interface project.

FUTURE DIRECTIONS

UCLA Spaces Facebook Page:

- Convert UCLA Spaces Facebook page into a part of the official UCLA website.

Repurposed North Campus Space:

- Draft and execute design plans.
- Partner with campus organizations for future maintenance of and support for the space.

ACKNOWLEDGMENTS

Thank you to Denita Toneva, Liz Roswell, Carl Maida, and Cully Nordby for their support; Todd Lynch for his guidance; Leilani Donato and Nurit Katz for their collaboration; Allison Kanny, Casey Grzecka, and Elaine Blakeman for their insights; TGIF for their contribution; and all else who made these endeavors possible!

REPURPOSED SPACE RESULTS

- Acquired outdoor 11x9m space on North Campus, next to North Campus Student Center.
- Generated list of principles and physical components for repurposed space design.

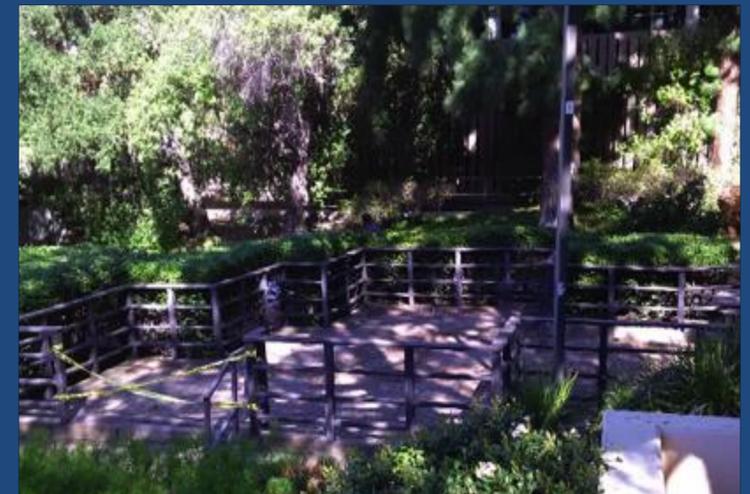
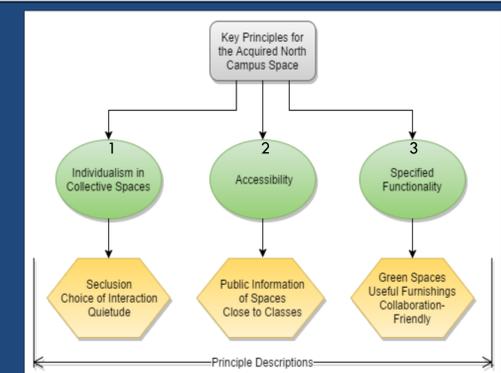


Figure 4: Picture of acquired North Campus space.



Design Concept	Benefits	Concerns
 Monarch Restoration	<ul style="list-style-type: none"> • Conserve an endangered species • Aesthetically pleasing • Educational • Little to no upkeep 	<ul style="list-style-type: none"> • Increased bug population could be disrupting
 Vertical Gardens	<ul style="list-style-type: none"> • Native plants would offer educational component • Collaboration with other campus organizations 	<ul style="list-style-type: none"> • Increased bug population could be disrupting • No determined garden management yet
 Meditation Space	<ul style="list-style-type: none"> • Close proximity to nature • Bring awareness to mental health • Would be UCLA's first designated outdoor meditation space 	<ul style="list-style-type: none"> • Less multi-purpose potential
 Outdoor Classroom	<ul style="list-style-type: none"> • Promotes learning in a natural environment 	<ul style="list-style-type: none"> • May need reservation system • Vulnerable to vandalism