



ByDESIGN Presents:
CASA Alumni Scholarships
April 20, 2018

CASAalumni

College of Environmental Design, UC Berkeley



Martin Del Campo . Bob Esparza

& Antonia Escobar Scholarships

A c a d e m i c & C r e a t i v e E x c e l l e n c e

UC

BERKELEY

ENVIRONMENTAL
DESIGN

CASAalumni



Your Hosts

- Jennifer Wolch, Dean CED
- CASAalumni Board
 - Roy Hernández
 - Charles Higuera
 - Oswaldo Lopez
- Itzel Torres & Jailene Montano
CASA Chairs, CED

CASAalumni

College of Environmental Design, UC Berkeley

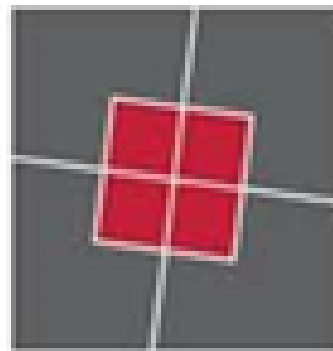


Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e

Thanks to our Non-Profit Fundraising Partners!



Center *for*
Architecture

CASAalumni

College of Environmental Design, UC Berkeley



Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e

AGENDA

6:30 – 7:00 Introduction

Scholarships Ceremony

Roy Hernandez, Charles Higuera,
Homer Perez

7:15 – 7:45 Distinguished Speakers

Sandra Vivanco, Principal A+D
Joseph Martinez, Martinez+Cutri

7:45 – 8:00 Documentary Interviews, Pics & Selfies

CASAalumni

CASAalumni Scholarship Awards



CASAalumni

College of Environmental Design, UC Berkeley



Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e

Thanks to our generous donors!

Platinum (\$1,000 +)

ThirdWave/R Hernandez	3,000
Charles Higuera	2,000

Gold (\$500 – \$999)

Maritza Delgadillo	500
Katherine Hoover	500
Oswaldo Lopez	500

Silver (\$100 - \$499)

Sandra W Esparza	250
Jennifer Wolch	250
Michael Dear	250
Rudy Carrasquilla	200
Homer Perez	200
A+D Architecture +Design	150
Barcelon Jange Architecture	100
Celest Rodriguez	100
David Diaz	100
Carlos Mendoza	65

CASAalumni

College of Environmental Design, UC Berkeley



Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e



Alix Plascencia Cabrales
BA Urban Studies, 2018

**Latinos in Architecture
Scholarship**
\$300

CASAalumni

College of Environmental Design, UC Berkeley



Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e

Wooden Tower + Cantilever

Arch 160: Intro to Const.
Prof, Dana Buntrock

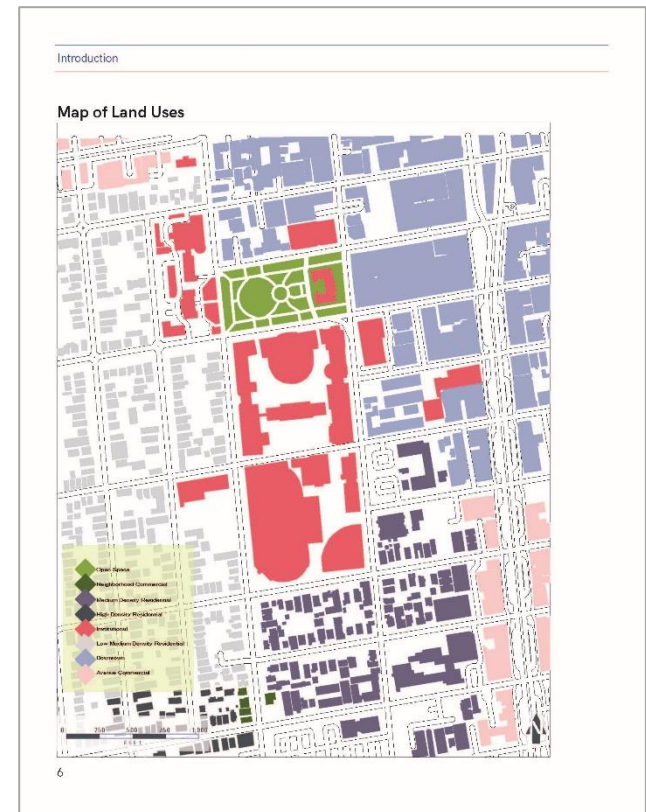
Build a wooden tower that would reach the roof of the Wurster Hall lobby and be able to cantilever a text book on the side



Inventory of Buildings & Activities

City Planning 116: Urban
Planning Process
Prof. Miriam Chion

Create an inventory for all the buildings/activities in the Berkeley Civic Center .





Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e



Vanessa Vasquez

BA Architecture, 2018

**Latinos in Architecture
Scholarship**

\$300

CASAalumni

College of Environmental Design, UC Berkeley



Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e



Desiree M. Rodarte

BA Urban Studies, 2018

**Latinos in Architecture
Scholarship**

\$500

CASAalumni

College of Environmental Design, UC Berkeley



Martin Del Campo . Bob Esparza & Antonia Escobar Prizes

Academic & Creative Excellence

West Berkeley Public Library Re-Design

Arch 110AC
Prof. Cranz

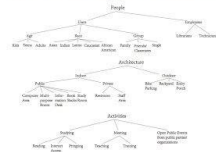
We made small adjustments to the existing plan. People's needs are the most important guidelines when designing, not the architecture itself. Small adjustments can be influential and functional.

Intersectional Inequality

Cartographic Representations/
GEOG 183
Prof. Alicia Cowart

Food Deserts & Environmental impacts on people of color who work in agricultural sectors of the economy. .

AN ETHNOGRAPHIC STUDY OF THE PLANET AND THE PUBLIC



REDESIGN PLAN



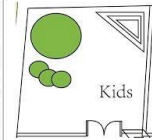
EXISTING PLAN

The New West Branch Public Library would blend the indoor and outdoor spaces while giving back more space to the public users it serves. From our study and interviews, we have concluded that spaces for teenagers and sitting opportunities needed improvement. Our re-design incorporates both needs and builds on the library's Zero Net Energy hype to make its impact not only positive for the planet but also for the people who use it.

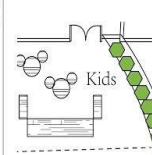
Switching out static bookshelves for compact ones while also reducing space that is routinely off limits to the general populations allows for not only more valuable space to be returned to users, but for additional green and interactive design strategies that engage and entice people into healthier living. We were able to add not only general sitting and study rooms, but could incorporate natural elements like the underutilized backyard area as well as moving water features and greenery.

Our re-design would increase the opportunities afforded to users in the community for interaction with the library, its services and how it is used. It would transition the library from a rather small space that has limited built in opportunities into one that is only limited by the imagination of those who use it.

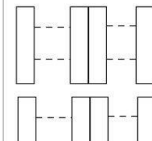
FOCUS AREAS



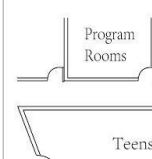
1. Outdoor Courtyard
Sitting stairs assembled in the kids area, which will increase interaction of kids with space and make it more interesting.



2. Interior Plant Path
Plant path formed by trees to increase the visibility of green from inside the library, as well as to work as a feature wall to partially segregate the library into different parts.



3. Movable Bookshelves
Use moving bookshelves to replace the regular fixed ones to increase the amount of books meanwhile to save space from the extra bookshelves.



4. Various Programs
Rearrangement of space to meet with different needs as well as forming various programming space.



Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e



Elizabeth Romo

BA Architecture, Sustainable Design,
2018

Bob Esparza Scholarship
\$500

CASAalumni

College of Environmental Design, UC Berkeley



Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e

House of the Future (Courtyard Dwellings)

Arch 100C

Prof. Jean Paul/

Design three prototypes houses. The footprint no bigger than 1000 SF including an interior garden. Each would be duplicated twice for a total of 9 dwelling units to nest into a prototyped dwelling cluster that could give an idea of the maximum densities for the city of the future.

I studied the Japanese culture to influence me with technical and aesthetically design positions. A low rise, high density courtyard dwelling.





Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e



Maria Celeste Lomeli

BA Society and Environment, 2018

Bob Esparza Scholarship

\$500

CASAalumni

College of Environmental Design, UC Berkeley



Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

Academic & Creative Excellence

Risking Lives for Fuel: Oil Drilling in Los Angeles County

ESPM 194B, Capstone in Society and Environment
Prof. Dara O'Rourke, ESPM

Research Question: How are communities disproportionately affected by oil extraction in LA County?

RISKING LIVES FOR FUEL: OIL DRILLING IN LOS ANGELES COUNTY
 HOW ARE COMMUNITIES DISPROPORTIONATELY AFFECTED BY OIL EXTRACTION IN LA COUNTY?
 CELESTE LOMELI | AOC: JUSTICE AND SUSTAINABILITY | CORE COURSE: ESPM C167: ENVIRONMENTAL HEALTH AND DEVELOPMENT

ABSTRACT

Environmental hazardous facilities are disproportionately located in low-income communities that consist primarily of people of color compared to white communities. Such communities in Los Angeles County face greater environmental health disparities as a result of high oil extraction in the areas. Oil drilling and production in the county has led to environmental health consequences such as respiratory illness, nausea, and dizziness that are believed to have been aggravated in correlation with oil development in the city. One third of the county's residents reside within one mile of a drilling rig and more than half a million within a quarter mile. It is clear that the county has an unsuccessful regulatory and zoning system due to the lack of transparency from government agencies, authority figures, and public relations in energy companies that set resident's apprehensions aside.

67%
 New wells are drilled closer to Hispanic/Latino communities compared to white communities.

WILMINGTON

- Annual median household income \$33,000
- 90% of people of color
- 22 new wells drilled in Wilmington in 15 months
- 260 to 315 feet closer to oil sites than higher income areas
- Contains half of LA's active wells
- Generated 9.7 billion barrels in 2015 from active oil wells in 2015

VS

WEST LA/ WILSHIRE

- Annual median household income of \$78,000
- 69% White racial makeup (e.g. W. Pico- 88% White)
- 0 new wells in communities in 15 months
- All sites relatively far from homes, and if near homes operations are partially or completely enclosed
- Zoning Administration required stricter regulation because of classification as "quality residential neighborhoods"

BACKGROUND

There are over 24,000 active oil wells in Los Angeles County (Sadd and Shamasunder). California Environmental Protection Agency identified that active wells are located within environmental justice neighborhoods, which are described as residential populations with high proportions of poverty and unemployment, people with low education, non-English speakers, and/or high levels of health impacts (Sadd and Shamasunder). The city has an unequal distribution of oil wells in which groups of wells are located in areas with minority populations. People of color are more likely to live near oil and gas wells in Los Angeles County: 44% of African Americans, 37% of Latinos, and 35% of Asians compared with 31% of whites (Andrade et al.).

LOCATION	PERCENT OF COLOR	PERCENT POVERTY	UNEMPLOYED	NON-ENGLISH SPEAKING	PERCENT WITH HEALTH IMPACTS
L.A. County	72.8%	37.3%	46.9%	12.4%	27.0%
L.A. City	72.9%	44.5%	56.2%	18.7%	32.8%
White (City of an ethnic U.S. City and)	14.4%	42.3%	65.7%	18.5%	35.3%
Wilmington West LA	95.7%	53.0%	75.0%	42.4%	54.3%

DISPARATE SITING & POST SITING EXPLANATIONS

ECONOMICAL

Low land prices and close proximity to transportation infrastructure and labor pools

SOCIOPOLITICAL

Minimal and ineffective opposition due to lack of resources and political power

RACIAL DISCRIMINATION

Discrimination (e.g. Housing Market)

POLICY RECOMMENDATIONS

- Develop new, stricter land use and zoning regulations (e.g. limit/ban oil wells near public areas (homes, schools, hospitals, etc.) through 'buffer zones')
- Install enclosures to catch releases in all oil sites operations including low-income communities
- Increase site inspections to ensure compliance
- Increase transparency by maximizing public reporting of key data such as chemical identities and procedures
- Mandate the use of Environmental Impact Assessments and Health Impact Assessments for future oil projects and policies



Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e



Shane Krpata

BA User Centric Design, 2018

Bob Esparza Scholarship

\$500

CASAalumni

College of Environmental Design, UC Berkeley



Martin Del Campo . Bob Esparza & Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e

Smart Shoe

ARCH 212 – Body Conscious Design
 Prof. Galen Cranz,
 Architecture

Redesign the shoe in any manner of our choosing, body conscious consideration was encouraged.

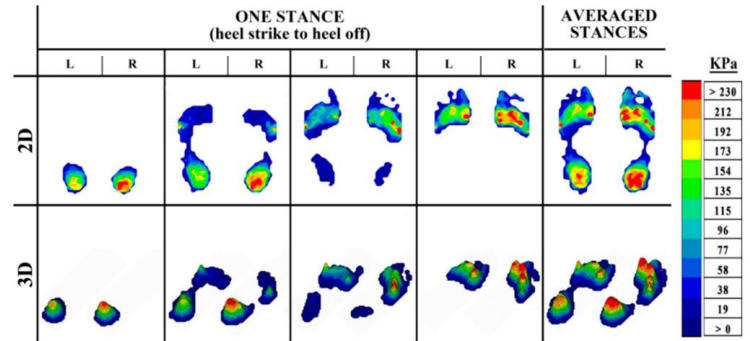
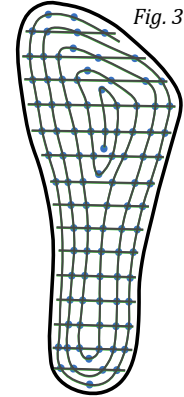


Fig. 5



Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e



Jailene Montano Berber

BA Urban Studies 2018

ThirdWave Tech Scholarship

\$800

CASAalumni

College of Environmental Design, UC Berkeley



Martin Del Campo . Bob Esparza

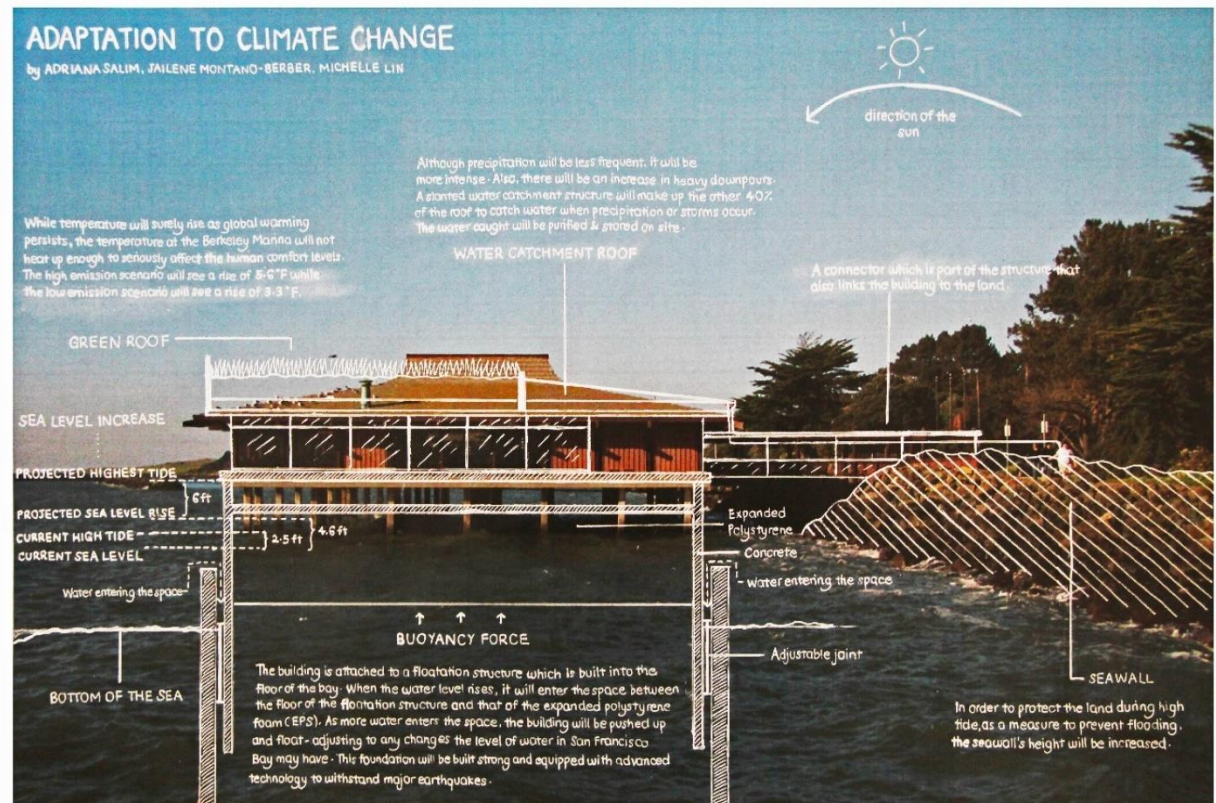
& Antonia Escobar Prizes

Academic & Creative Excellence

Skates on the Bay & Climate Change (Buildings and the climate change)

Environmental Design 4C:
Future Ecologies: Urban
Design, Climate Adaptation,
and Thermodynamics

The task of this project was to think about climate change and its effects on the built environment. In our proposal we decided to leave the restaurant where it is currently situated but add infrastructure to create a buoyant building





Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e



Itzel Torres

BA Urban Studies 2018

Current CASA Co-chair

ThirdWave Tech Scholarship

\$800

CASAalumni

College of Environmental Design, UC Berkeley



Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

Academic & Creative Excellence

Project Title: Analyzing San Francisco Neighborhoods- Russian Hill Historic Analysis

CY PLAN 140: Urban Design: City-Building and Place-Making
Prof. Elizabeth Mc Donald

Analyses of the historic transformation of the Russian Hill Neighborhood in San Francisco. GIS was used to accumulate data to see the changes the neighborhood has experienced and how they are informed by the history that has happened there.

History- Graphics

The Russian Hill neighborhood has become one of the most well known locations internationally when referring to San Francisco. Thousands of tourists come by every year to visit the iconic Lombard Street and experience the urban countryside.

This neighborhood demonstrates the urban evolution that has happened in the past century that turned a private area into a interesting public space.

The origin of the development of Russian Hill has great impact to why currently there is private/public spaces, the high influx of tourism, and more multi-unit buildings.

Russian Hill began strictly as a residential area for wealthy families in the mid 1800's. They named the neighborhood after demolishing the Russian cemetery found in the Vallejo Crest area.

Lombard Street was a catalyst that invited tourism in after the innovative design of the street was planned by residents. The purpose for the crooked street was for the residents to be able to get automobiles up the slope.

Parks served as memorials but as more people started visiting the neighborhood the functionality of the space changed.

1 Lombard after the 1906 earthquake

2 Russian Hill after the 1906 Earthquake and Fire San Francisco

Lombard Street in 1933

Lombard Street October 2017 "view east"

Lombard Street October 2017 "view west"

Russian Hill

Itzel Torres

Present day Marshall Houses

Time period when structures where built in Russian Hill Summit

Ina Coolbrith Park lookout October 2017

Russian Hill Summit (Vallejo Crest) - This space serves as an example of the evolution of single family homes to multi-unit buildings.

Most Current Russian Hill Land Use and Building Footprint: Describes the evolution of the urban countryside.

Russian Hill 1938

Russian Hill 2015

Russian Hill Neighbors San Francisco City Guides| The Chronicle| Map Data.Data.sf.gov| SF Planning Department

12 San Francisco Neighborhoods

UC Berkeley CP140, Fall 2017



Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e



Jonathan Solis

BA Architecture, 2018

ThirdWave Tech Scholarship

\$800

CASAalumni

College of Environmental Design, UC Berkeley



Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e

Superfluous Pieces

ARCH 100D
Prof. Neyran Turan

Examines the growing problem of the collection of precious objects. 90% of museum collections are hidden from the public. The De Young Museum has over 800 Sculptures, and 24,000 paintings or printed media. SF MOMA and the Oakland Museum have considerable collections. Formally Superfluous Pieces is a warehouse that contains a collection of rooms which are generated from column shapes and take a shape of their own on the roof.





Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e



Ruby J. Soto Cardona

**BA Landscape Architecture/Gender
& Women's Studies 2018**

Antonia Escobar Scholarship

\$1,000

CASAalumni

College of Environmental Design, UC Berkeley



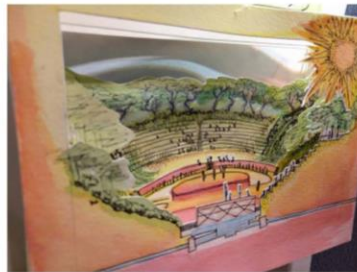
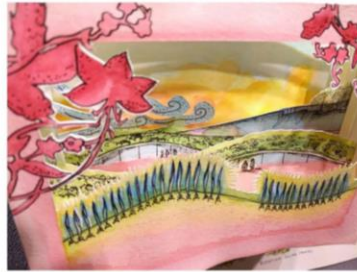
Martin Del Campo . Bob Esparza & Antonia Escobar Prizes

Academic & Creative Excellence

Demystifying the Landscape

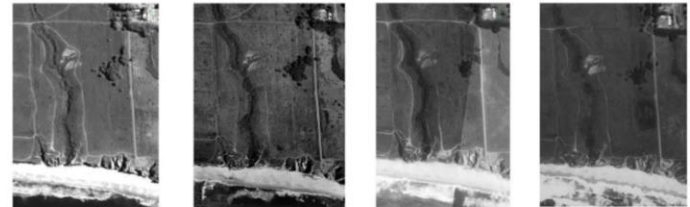
The design strategy integrated ideas of social impact, environmental consciousness, and bringing awareness to the ways in which landscape design can be used to educate communities.

There was a strong focus on hydrology systems and looking at maps over time to bring out meandering nature of precipitation on its pathway to the ocean.



Demystifying the Landscape

As a whole, the design strategy for this project integrated ideas of social impact, environmental consciousness, and bringing awareness to the ways in which landscape design can be used to educate communities. There was a strong focus on hydrology systems and looking at maps over time, to bring out the meandering nature of precipitation on its pathway to the ocean. This culminated the entirety of the site plan design and provided a pathway towards a smooth transition from place to place. The use of dioramas and interactive devices, helped promote the need for education with the aid of landscape designs, by creating a creative outlook on how to implement more diversity, not only with ecosystems, but in the field of landscape architecture as well. My intent was to also integrate innovative technology that fueled itself by wind, sun, and car energy in order to provide energy onsite. This design intervention looks at how an existing site affected by new cities that surround it, also affect the species that live in the site itself. The goal was to design an educational landscape that integrated classrooms, parking lot for cars, buses, and ADA accessibility, while also allowing a safe walk to the classrooms. Another component of the program was to provide a theater where people could participate and see events on site.





Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e



Ana Rosa Robledo

BA Urban Studies 2018

Antonia Escobar Scholarship

\$1,000

CASAalumni

College of Environmental Design, UC Berkeley



Martin Del Campo . Bob Esparza

& Antonia Escobar Prizes

A c a d e m i c & C r e a t i v e E x c e l l e n c e

Urban Site Analysis and Intervention UNAM, Mexico City DF

Arch 111: Environmental Psychology
Dra. Maria Luisa Marlotte Acosta

Choose a site that was considered “not a place”, a site with no significance, symbolism, and overall interactions with the community. Perform a quick investigative analysis by observing the site and finally creating recommendations for an intervention to make the site more of a “place”.

Análisis del sitio urbano
Sitio: Eje 10 sur (entre Cerro del agua y Delfín Madrigal)

Anarosa Robledo
Psicología Ambiental

Desde el último junio vivo en esta área y desde entonces había renovaciones en las **islas de tráfico**, ósea la barrera entre la calle para dividir el tráfico moviendo en direcciones opuestas. La infraestructura la cambiaron para construir un **“lugar”** con la adición de bancas, rampas, arboles y hasta “cultura” (letreros de ídolos histórica de Latinoamérica). Este **intento** de arreglar la isla fracasó porque todavía nadie los utiliza por falta de convivencia y accesibilidad.

Gráfico para expresar movimiento de peatones

Legend for pedestrian movement diagram:
 ● Hombre
 ● Mujer
 → Dirección

Legend for site map:
 ● Hombre
 ● Mujer
 ● Ciclista
 → Dirección

Investing in the future. It looks like this!



CED Graduates & CASA Alumni

ByDESIGN Distinguished Speakers

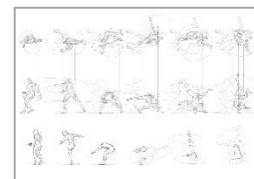
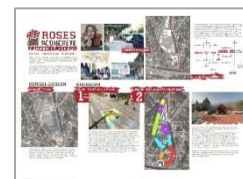
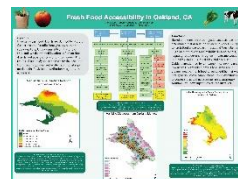
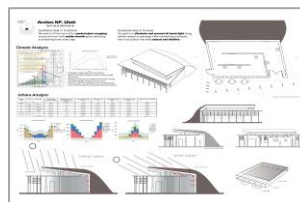
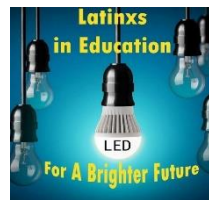
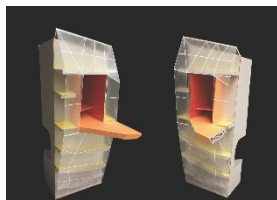


CASAalumni

College of Environmental Design, UC Berkeley



Thanks for supporting the Dream!



CASAalumni

College of Environmental Design, UC Berkeley



CASAalumni

11400 W. Olympic Blvd. Suite 200

Los Angeles, CA 90064

www.casa-ucberkeley.org

Roy Rogelio Hernández

rhernandez@thirdwavecorp.com

310.804.7565

D. Oswaldo Lopez

oswaldo2lopez@gmail.com

805.637.3770

Charles Higuera

Charles.Higuera@sfdpw.org

415.557.4646

CASAalumni

College of Environmental Design, UC Berkeley