



# DAAP

cares 2020

Utah

Utah Shinrin-Yoku  
A Resilient Utah: Enhancing trail networks  
of our National Park System

Louisville, Kentucky

Preserve, Protect, and Promote Rubber  
Re-energizing and Re-imagining Rubbertown

Atlanta, Georgia

The Un-site: by Black  
Women, for Black Women

Yucatan, Mexico

Maya Youth Artisanship  
Initiative

Cincinnati, Ohio

Peace Corps Coverdell Program  
1N5  
Design U Magazine & Publication  
Power of Napping 'Designing a tool to promote  
napping behavior'  
Hearts of Price Hill  
Co-Designing a Community initiative for Engage-  
ment in Substance Abuse Treatment  
Root House  
Re-Imagining Uptown's Greenspace  
Building Community with Affordable Housing in OTR  
Ihsan Community Center Design and Renovation  
Healthcare.gov  
Co-Creation: assisting Arthritis Patients  
Exploration of Spatial Potentials in Fractals  
Translating the Inclusive Museum: Multi-Sensory  
Learning Inside Retirement Communities  
Mediating behavior at Piatt Park  
Barnecidal Relations  
Aries

Jiangsu, China

UAI Design + Build

India

Exploration of Spatial  
Potentials in Fractals

Jakarta, Indonesia

Managing the Urban Environment

● DAAP ● Design ● Arch./Int. Des. ● Art ● Planning

# U.S. PEACE CORPS COVERDELL FELLOWSHIP

PLAN 7077 | Peace Corps Practicum

Professor Johanna Looye | 2019-2020 Academic Year



## PARTICIPANTS

Jamie Kreindler  
Clancy Taylor  
William Rogers III  
Ian Vanness

## INTERNSHIPS

Cornerstone Renter Equity  
Working In Neighborhoods  
Price Hill Will  
DAAP School of Planning

## PLANNING

The Paul D. Coverdell program places Returned Peace Corps Volunteers (RPCV) with internships in underserved communities in the United States, while they complete the School of Planning's Master of Community Planning program. The Coverdell Fellows program allows RPCVs to bring home and expand upon the skills they learned as Volunteers. This year's Coverdell Fellows have held internships with Cornerstone Renter Equity in Over-the-Rhine, Working In Neighborhoods in South Cumminsville, Price Hill Will in Price Hill, and DAAP's School of Planning.

## LOCATION

Cincinnati, OH, USA



## DAAPcares Student Group 2019-2020 Academic Year

### PARTICIPANTS

Sarah Foster  
Anna Eppihimer  
Annie Nall  
Ashton Morris  
Cayle Komara  
Elizabeth Doecker  
Ellie Puchta  
Evander Frisch

Hannah Kim  
Hope Yeoomans  
Katherine Taylor  
Kesla Dewall  
Lainey Devol  
Megan Cheers  
Melissa Frey  
Nika Umnow  
Olivia Popp

Ryan Todys  
Samantha Norton  
Sarah Schowauer  
Stephen Brinkmiller  
Vaughn Robison  
Jenna Fizzz

### LOCATION

Cincinnati, OH, USA



## DESIGN, ART, ARCHITECTURE, PLANNING

There is a serious lack of awareness and resources available to high school students' suffering from mental health. For example, the National Institute of Mental Health estimates that 20%, or 1 in 5, teens between the ages of 13 and 18 have or will have a serious mental illness. Therefore, 1N5 aims to design and develop a successful high school student-led program in schools that is personalized for each school, supports all types of students, and provides resources and education on best mental health practices.



# DESIGN U

DSGN 4070 | Design Methodology  
Professor Sean P. Hafer | Fall 2019

## PARTICIPANTS

Sam Seymour  
Sophia Tibbs  
Megan Werner

## LOCATION

Cincinnati, OH, USA



## DESIGN

Design U is a magazine for teachers that combines the world of design with the world of teaching and education. New research illustrates how to best assist students, however, it can often be overwhelming and costly. This can be especially true for teachers who have students with learning or attention disabilities, where over-stimulation in the classroom can hinder learning. Design U provides teachers a resource that explains design principles, elements, and how they can be applied to classroom set up. The publication provides quality resources that can be scanned and replicated for the classroom. It also provides research articles about new classroom techniques and how to make the classroom more universally accessible.





# POWER OF NAPPING 'DESIGNING A TOOL TO PROMOTE NAPPING BEHAVIOR'

DSGN 8001-2 | Master of Design Thesis

Professor Steven Doehler | 2019-2020 Academic Year



## PARTICIPANTS

Moti Saleminik

## LOCATION

Cincinnati, OH, USA



## DESIGN

Sleep insufficiency has been declared a public health epidemic in the 21st century. Moreover, sleep loss is associated with serious adverse health and social outcomes, however, studies show napping can compensate for sleep insufficiency. This thesis investigates the power of napping in order to develop a digital tool, called 'iDoze', that promotes napping behavior through mentorship and encouraging healthy napping habits. iDoze helps overcome the three main reasons behind poor napping habits: low education awareness around napping and its health effects, inconsistent and poor napping management, and a lack of adherence to a newly established habit.



# HEARTS OF PRICE HILL

PLAN 7009 | Master's Capstone

Professor Conrad Kickert & John Yung | 2020 Spring

## PARTICIPANTS

Jyutika Bhise  
Anna Dewey  
Amanda Dias  
Daniel Hart  
Jamie Kreindler

Mel Musie  
Swapna Natesh Babu  
Christian Umbach  
Ian Vanness  
Casey White  
Xu Zhu (Alicia)

## SPONSORS

Price Hill Will



## LOCATION

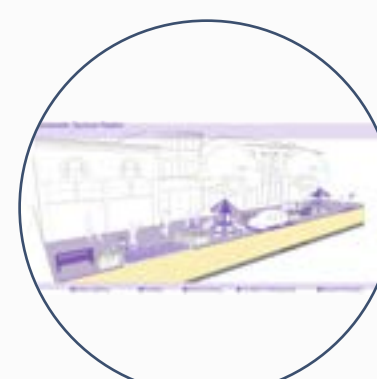
Price Hill, Cincinnati, OH, USA



## PLANNING

The Master of Community Planning capstone explored strategies to help revitalize Price hill's neighborhood business districts so that these once vibrant corridors can rediscover their rightful place as the commercial, cultural, and social hearts of the community. Five areas of neighborhood business district revitalization contributed to each project.

1. Life after retail
2. Neighborhood business revitalization strategies
3. Urban food access
4. Arts-led neighborhood business district revitalization
5. Neighborhood business district street design



# MANAGING THE URBAN ENVIRONMENT - JAKARTA

PLAN 5138/6038 | Managing the Urban Environment  
Professor David Edelman | 2019 Fall



## PARTICIPANTS

Amanda Dias

Anna Dewey

Jinhui Huang

Erly Kueain

Kyle Wilson

Abdulrahman Sharafuddin

Clancy Taylor

Hannah Urbanski

Jasmine Savitri

Ellis Fowler

Cayle Komara

Will Rogers

Paul Yoder

Kevin Miller

Jackson Bennett

Mohammed Khalid

Jonah Christner

## PLANNING

The Managing the Urban Environment course prepared what is now the sixth volume in a series of books that focus on the practice of Urban Environmental Management (UEM). These books focus on developing countries, which both face more immediate problems than the developed world and have fewer resources to deal with them. The focus of the book was creating a 5-year plan to help solve the urban environmental problems of Jakarta, Indonesia. Chapters focused on poverty alleviation, water, sewage and sanitation, industry, transportation, energy and finance.

## LOCATION

Jakarta, Indonesia





# THE UN-SITE: BY BLACK WOMEN, FOR BLACK WOMEN

ARCH 8009 | Master of Architecture Thesis

Professor Elizabeth Riorden | 2019-2020 Academic Year



## PARTICIPANTS

*Taylor Upton*

## LOCATION

Atlanta, GA, USA



## ARCHITECTURE

How can women of color play more key roles in the design, management, and facilitation of the built environment? What is an ideal urban space for women of color comprised of and what does it look like? To achieve a spatial network within the urban context where black women can attain their artistic, business, and cultural goals, black feminist theory and its relationship with architectural intervention and semiology were explored. In the Un-Site project, spatial scale and symbolism are explored to create a space where black women can succeed personally and professionally.



# CO-DESIGNING A COMMUNITY INITIATIVE FOR ADDICTION TREATMENT

DSGN 8001-2 | Master of Design Thesis

Professor Claudia Rebola | 2019-2020 Academic Year



## PARTICIPANTS

*Sebastian Ramirez Loaiza*

## LOCATION

Cincinnati, OH, USA



## DESIGN

Since its peak in 2016, the country has felt the effects of an opioid crisis. In reaction, substance abuse has been fought through approaches like prevention and harm-reduction. However, addiction treatment keeps showing high drop-out rates. This project designed a community-driven initiative, in which the caring of patients in addiction treatment is shared by everyone, through provided tools and resources, available to average citizens so they can become addiction-treatment sponsors. In this exploratory research, participatory design methods were used with people in a successful recovery, to ideate ways to engage community members with people in addiction treatment.



# ROOT HOUSE

ARCH 4002 | Building Design Studio  
Professor Whitney Hamaker | 2020 Spring



## PARTICIPANTS

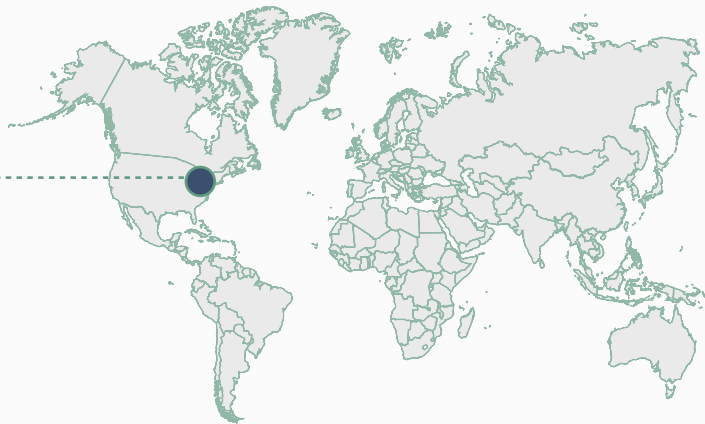
Anna Hargan

## SPONSOR

Northsider's  
Engaged in  
Sustainable  
Transformation  
(NEST)

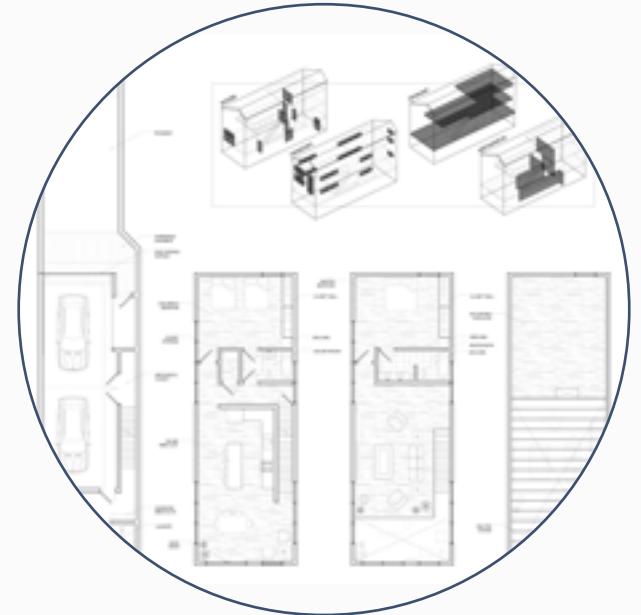
## LOCATION

Northside, Cincinnati, OH, USA



## ARCHITECTURE

In partnership with Northsider's Engaged in Sustainable Transformation (NEST), this DAAP's Architecture studio project developed affordable housing solutions in Cincinnati's Northside neighborhood. Root House focused on overcoming the constraints of balancing privacy with visitability. Therefore, the project addressed the challenge through creatively reimagining the form and function of the garage, front door, and spatial living arrangements within the home.



# PRESERVE, PROTECT, AND PROMOTE RUBBERTOWN

LAND 7010 | Capstone Studio  
Professor Barry Kew | 2020 Spring



## PARTICIPANTS

*Meghan Cleary*

## LOCATION

Louisville, KY, USA



## PLANNING

Rubbertown is currently an industrial corridor site located in Louisville, Kentucky that produces tires and synthetic rubbers that cause harmful effects on the neighboring residential area. Running along the Ohio River, Rubbertown's two major concerns addressed in the project are the lack of existing habitats and ecosystems as well as poor air quality. The project will be focusing on how to better improve the quality of life through implementing green infrastructure and increasing the awareness of biodiversity, which is vital for the survival of native species in the industrial site of Rubbertown in Louisville, Kentucky.





# RE-ENERGIZING AND RE-IMAGINING RUBBERTOWN

LAND 7007 | Capstone Studio  
Professor Barry Kew | 2020 Spring



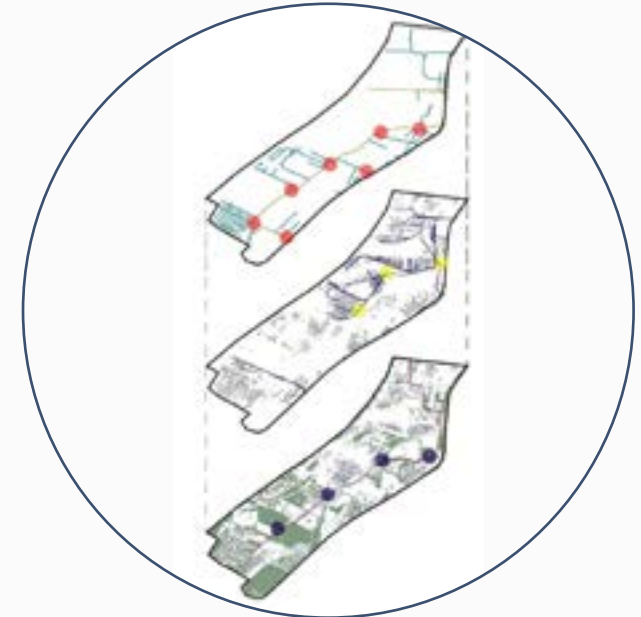
**PARTICIPANTS**  
*Sheenam Arora*

**LOCATION**  
Louisville, KY, USA



## PLANNING

The Rubbertown Corridor represents a hub of industry that supports close to 10,000 workers locally and regionally. In order to become a better community partner, Rubbertown needs to balance the economic, social and environmental responsibilities requiring vision, creativity and comprehension of the broad relationships essential for a healthy urban environment. This project transforms the landscape of Rubbertown into a vibrant and sustainable community by using green infrastructure in a functional and aesthetic way to create an experiential landscape so that the community does not have to compromise their quality of life.





# A RESILIENT UTAH: ENHANCING TRAIL NETWORKS OF OUR NATIONAL PARK SYSTEM

LAND 7064 | Independent Study  
Professor Barry Kew | 2020 Spring



## PARTICIPANTS

*Zoe Kusnier*

## LOCATION

Utah USA



## PLANNING

The National Park System, a federal agency overseen by the United States government, manages over 400 national parks, as well as national monuments and other historical properties. Its mission is to “preserve unimpaired the natural and cultural resources and values [...] for the enjoyment, education, and inspiration of this and future generations.” A Resilient Utah enhanced visitors’ experiences while minimizing human impact on forestland through exploring potential design solutions through research of these four parks.



# UTAH SHINRIN-YOKU

LAND 7064 | Independent Study  
Professor Barry Kew | 2020 Spring

## PARTICIPANTS

*Andoni Rodriguez Eraso*

## LOCATION

Utah, USA



## PLANNING

With an increasingly sedentary population in the USA, related healthcare conditions are on the rise. While in most cases when we talk about healthcare we tend to think about physical issues, sedentary behavior can also have severe effects on our mental health. Exploring the state of Utah through the lens of [Shinrin-Yoku](#), this project aims to advocate for the benefits that national parks bring to human health. This photographic journey aims to immerse the viewer in the natural wonders of several of these national parks to encourage their exposure and stewardship.



# BUILDING COMMUNITY WITH AFFORDABLE HOUSING IN OTR (I)

PLAN 5099 | Senior Capstone Project  
Professor Shilpa Mehta | 2020 Spring

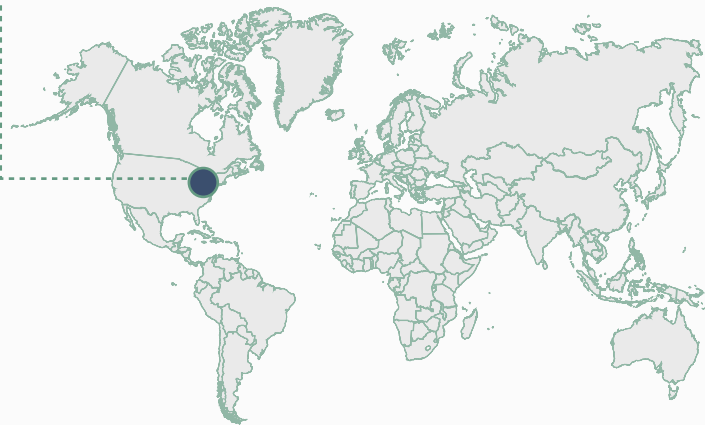


## PARTICIPANTS

Laura Trendler  
Jessica Hufnagle  
Billy Dinan

## LOCATION

Over-the-Rhine, Cincinnati, OH, USA



## PLANNING

Rapid transition over the past two decades in Over-the-Rhine has left the community fragmented physically and socially. This fragmentation has left many of its residents either homeless or displaced, and disadvantage to amenities and employment opportunities. This project proposed to mend this divide by creating a holistic approach to affordable housing. In order to integrate affordable housing in an efficient way, we are considering the many factors that create a healthy community: such as, education, transportation, access to food and public facilities.





# BUILDING COMMUNITY WITH AFFORDABLE HOUSING IN OTR (II)

PLAN 5099 | Senior Capstone

Professor Shilpa Mehta | 2020 Spring



## PARTICIPANTS

Griffin Ritze

Jianyu Wang

## LOCATION

Over-the-Rhine, Cincinnati, OH, USA



## PLANNING

Over-the-Rhine is a historic neighborhood that has always been characterized by social and political contestation. By assessing the existing housing supply, the affordability of basic goods and services, transportation links, and the social fabric of the community, this project developed a vision for reintroducing affordable housing as a priority for redevelopment in Over-the-Rhine after decades of decline in the neighborhood's stock of affordable housing.



# RE-IMAGINING UPTOWN'S GREENSPACE

PLAN 5034/6034 | Sustainable Development Workshop

Professor Carla Chifos | 2019 Fall



## PARTICIPANTS

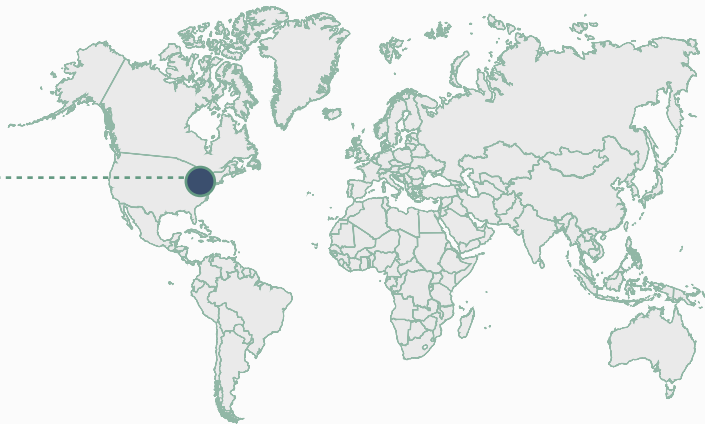
Ellen Sizer  
Gaby Gerken  
LaTonya Jones

## SPONSORS

Avondale Development Corporation  
Artworks

## LOCATION

Cincinnati, OH, USA



## PLANNING

Prompted by the extensive vacant land and greenspace in the neighborhood, Avondale, food forests were analyzed and planned in the semester long Planning Workshop 6034. Food forests are easily maintained and can provide local, native, and fresh produce to anyone willing to harvest the fruits. Additionally, hoop houses, designed for extending produce into the winters can utilize vacant property to provide an outlet for entrepreneurial innovation through food production. Lastly, a small meadow can provide an area for water catchment and increased biodiversity for future farm or garden use.





# PEAR ORCHARD CABINS

ARCH 3014 | Digital Media Skills

Professor Ming Tang, Professor Whitney Hamaker | 2019 SummerYear



## PARTICIPANTS

Lauren Figley  
Jordan Mlcham  
Pat MCquillen  
Vu Tran  
Jeremy Swafford  
Tess Ryan

## SPONSORS

UIA-CBC International Colleges  
and Universities Competitive  
Construction WOrkshop UC  
International SAID, DAAP, UC BJTU

## LOCATION

Guoyuan Village, China



## ARCHITECTURE

The UIA-CBC workshop in Guoyuan Village in Jiangsu, China, was a 21 days of compact construction workshop where teachers and students created new design and industry in revitalizing China's rural area. The village is home to a high-quality pear fruit industry and rich cultural heritage provide a good foundation for the development of the local tourism industry, but the existing one is still relatively elementary and singular, lacking its own development path. The UC + Beijing Jiaotong University (BJTU) team designed cabins and infrastructure that connected the whole rural community in China, in order to contribute to the revitalization of the "Century-old Pear Orchard".



# IHSAN COMMUNITY CENTER

ARCH 4001

Professor Ming Tang | 2019 Fall

## PARTICIPANTS

*Kristian Van Wiel*

*Maddie Cooke*

*Nick Chism*

*Seanna LaGanke*

*Ummul Buhari-Mohammed*

*Amy Cui*

## SPONSORS

*Ihsan Community Center*

## LOCATION

Milford, Cincinnati, OH, USA



## ARCHITECTURE

Over the course of the fall semester a group of six students worked directly with the members of the Ihsan Community to develop an overall master plan for their facilities. The “Ihsan Community Center Design and Renovation” is a sponsored studio by Ihsan community. The studio explored design possibilities and engaged the Ihsan community in developing future visions. The redesign and renovation of the current Ihsan community center emphasized logical architectural space, including prayer area, classrooms for educational programs, multi-purpose hall, and outdoor recreation.

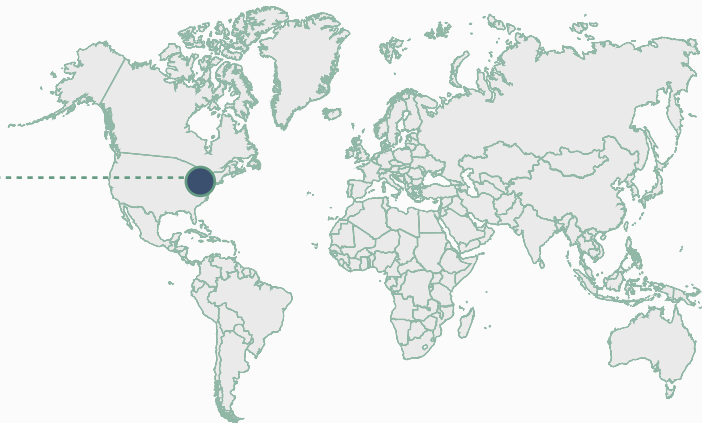


## PARTICIPANTS

*Tuscan Duckro*

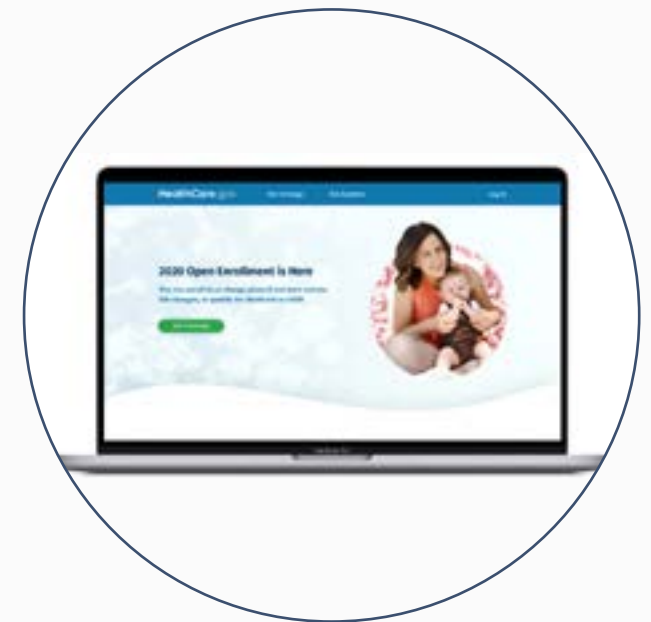
## LOCATION

Cincinnati, OH, USA



## DESIGN

Currently, many millennials forgo getting coverage due to perceiving it as not a necessity and feeling overwhelmed from lack of education. Having health insurance shifts care from reactive to preventative, thereby saving money and reducing morbidity by catching issues before they worsen. The Affordable Care Act (ACA) Marketplace Healthcare.gov aims to fill gaps in a fragmented health insurance system based on employment status. With more millennials having multiple part time jobs or freelance/contract work that do not guarantee benefits, the ACA aims to provide affordable health insurance options to those in need. This project addressed these needs by providing visitors with streamlined education, personalized experiences, and persuasive calls to action.





# SAVASANA

FASH 4045 | Senior Capstone II  
Professor George Sarofeen | 2020 Spring



## PARTICIPANTS

*Jennifer Murray*

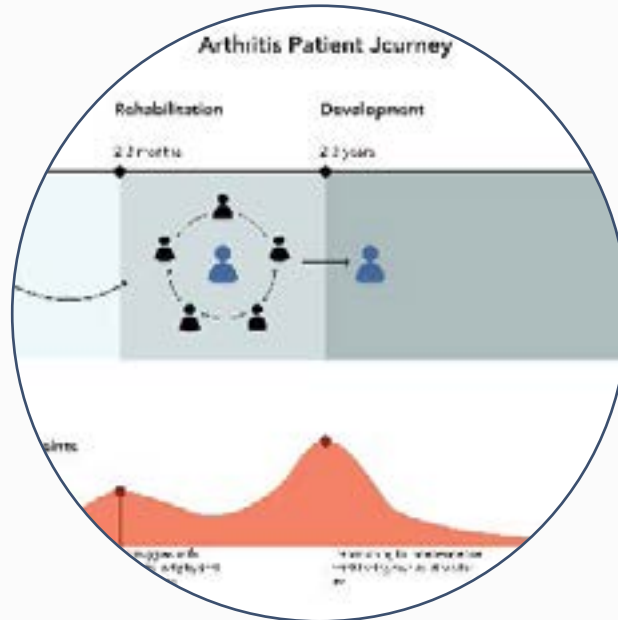
## LOCATION

Cincinnati, OH, USA



## DESIGN

Arthritis is not fatal, but it is chronic and progressive, taking both a physical and mental toll on a person. This project utilizes practices from co-creation in order to inform design for individuals suffering from arthritis. Savasana is primarily a research project that proves we, as designers, are doing our best work when we sit down and interact with our end-users. Through the lens of specialized yoga therapy, this project created a group of customized yoga items to assist individuals with limited mobility.



# MAYA YOUTH ARTISANSHIP INITIATIVE

Professor Ashley Kubley | 2020 Spring



## PARTICIPANTS

*Kirsten Ledbetter*

## SPONSORS

*University of Cincinnati  
Office of Research*

## LOCATION

Hocaba, Yucatan, Mexico



## DESIGN & ART

The Maya Youth Artisanship Initiative (MYAI) is a University of Cincinnati Office of Research sponsored research project designed to help preserve the endangered craft technique of backstrap loom weaving and fiber processing using native vegetable fibers in Hocabá, Yucatán, Mexico. The MYAI team selected the town of Hocabá for its community of people who possess the traditional skill of weaving on a backstrap loom. MYAI helped preserve the endangered craft technique of backstrap loom weaving and fiber processing by using indigenous vegetable fibers and focusing on teaching Maya youth in the community.





# FRACTALS AND HEALING ENVIRONMENTS

INTD 3001 | Interior Design Studio 3

Professor Joori Suh, Professor Henry Hildebrandt | 2020 Spring



## PARTICIPANTS

Jordan Horsely

Holly Nutley

Savannah Carrick

Brooke Baker

Gabrielle Robbins

Cecelia Yauch

Noelle Saeger

Francesca Leventis

Avery Nowosielski

Olivia Mathis

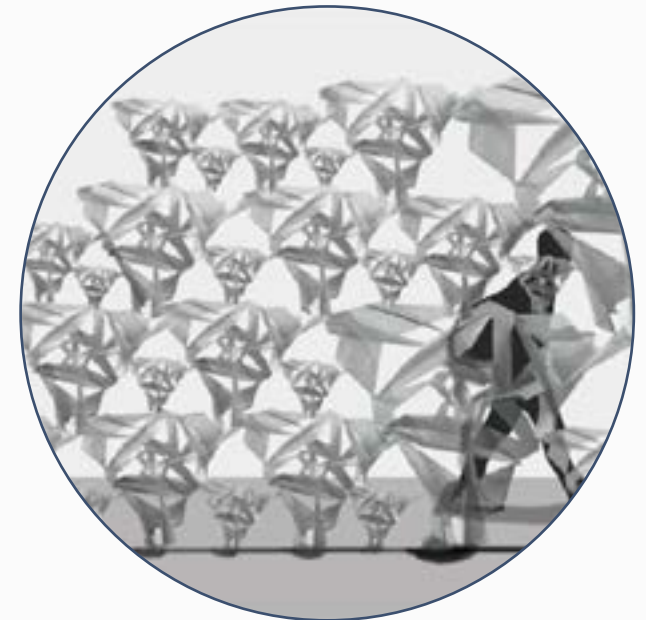
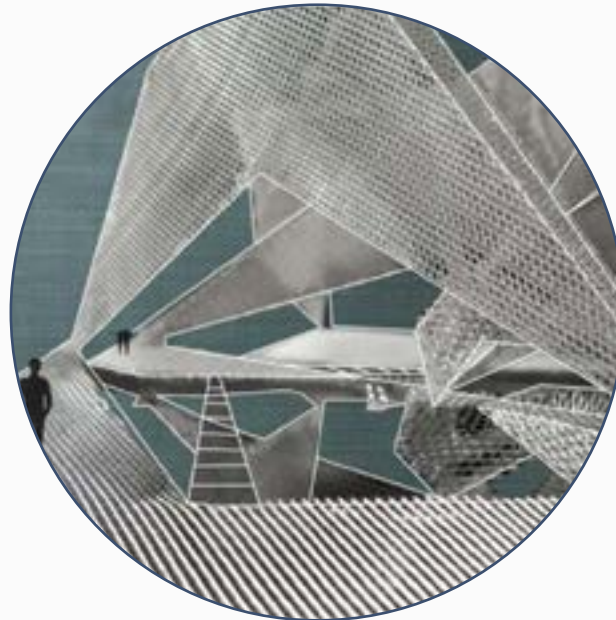
## LOCATION

Cincinnati, OH, USA



## ARCHITECTURE

As the contemporary world becomes more complex and challenging, stress continues to be a significant risk factor for individuals in their daily lives. Stress reduction strategies have been discussed among scholars and healthcare practitioners. NASA's Rosenberg Wise's seminal research in 1986 proved that fractals benefit individuals by dampening their physiological response to stressful work, especially when the fractals fall within mid-range of fractal dimension,  $D$  value of 1.3 – 1.5. This project experimented with three-dimensional spatial potentials embedded in geometric, organic, natural, or technological fractals as influential forces for spatial design.



# VISUALIZING SELF-ADVOCACY

DSGN 8001-2 | Master of Design Thesis

Professor Brooke Brandewie, Professor Matthew Wizinsky | 2019-2020 Academic Year



## PARTICIPANTS

Neha Mann

## LOCATION

Cincinnati, OH, USA



## DESIGN

Every community contributes to shaping society and hence merits a place in public history. Some communities are often left out of knowledge-production due to the trivialization of their contributions or their political stigmatization. These 'Invisibilised Communities' need to advocate for themselves and publish their own narrative. This thesis aimed to enable the voices of two such communities: Women with HIV in America and Women leading political activism in India.



# MUSEEUM: MULTI-SENSORY LEARNING INSIDE RETIREMENT COMMUNITIES

DSGN 8001-2 | Master of Design Thesis

Professor Claudia Rebola, Professor Ming Tang | 2019-2020 Academic Year



## PARTICIPANTS

*Charlotte Fabe*

## LOCATION

Cincinnati, OH, USA



## DESIGN

Many older adults are socially isolated—which is both detrimental to one’s physical and mental wellbeing. While retirement communities often promote passive forms of leisure that do not contribute to social relationships, museum programming has been proven to provide significant social and health benefits for older adults. This thesis proposed a criteria for how to design multisensory informal learning tools that support cultural engagement and social opportunities for older adults. Maker technology (conductive ink, laser cutters, and capacitive sensing microcontrollers) to create tactile soundscapes of artwork, this project explores how to design portable, multi-sensory interactive tools that support active engagement and bring the museum experience to retirement communities. The development of an experimental ‘portable museum’ prototype culminated in a week-long pilot test at a local affordable senior living residence.





# MEDIATING PIATT PARK

DSGN 7002 | Independent Study

Professor Claudia Rebola | 2019-2020 Academic Year



## PARTICIPANTS

Vedant Chopra  
Sebastian Ramirez Loaiza Liam Pyles  
Neha Mann  
Rishyak Kommineni  
Siyi Zhu  
Karolyn Hasselfeld  
Nichelle Lyle

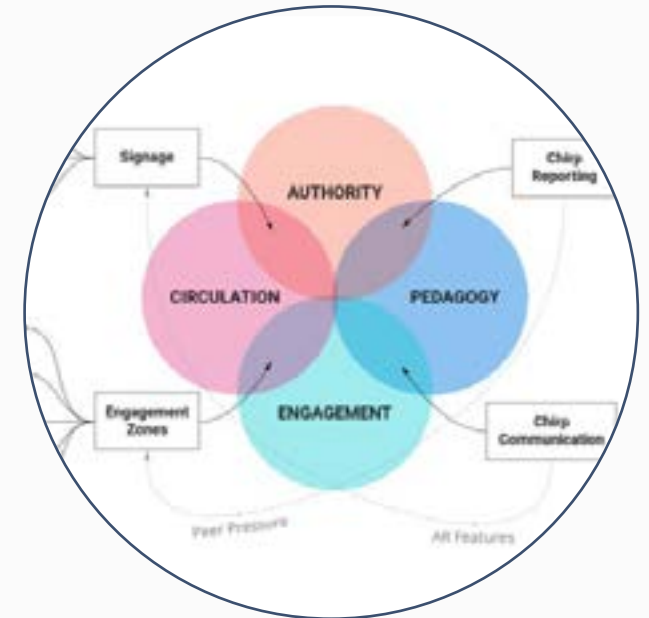
## LOCATION

Cincinnati, OH, USA



## DESIGN

Piatt Park in downtown Cincinnati has become a hotspot for misdemeanors which not only creates a negative perception of the city but also affects the quality of living of residents and visitors of downtown Cincinnati. Different organizations have addressed the situation but the majority of proposals fall in the category of environmental design, requiring high-investment infrastructural modifications. This project divides the park into areas that provide different interactions, thus better social enablers, such as a learning zone where users can listen “the book of the month” in the audio system. Additionally, New signage aims to educate users on park etiquette and correct use of bikes in the area.



# BARMECIDAL RELATIONS

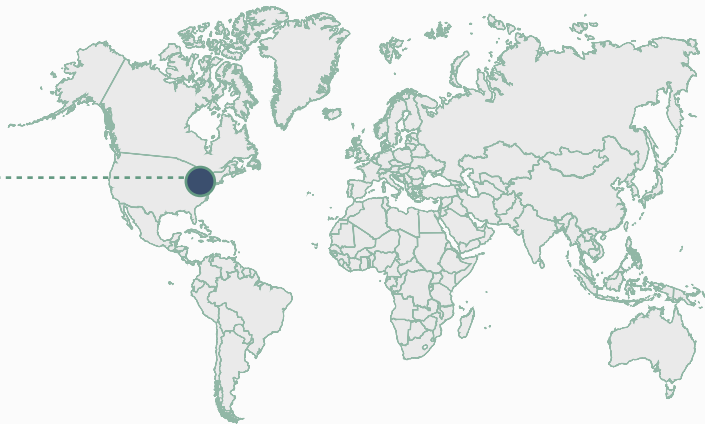
Master of Fine Art Thesis  
2019-2020 Academic Year

## PARTICIPANTS

*Alyssa Maurer*

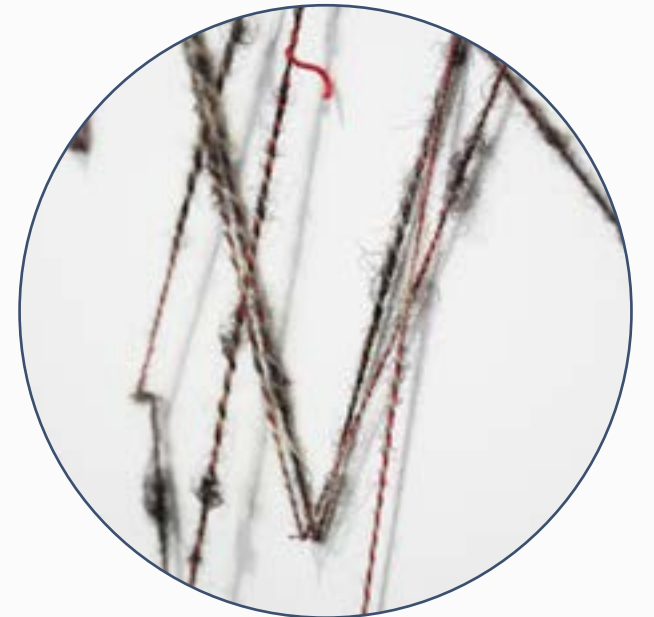
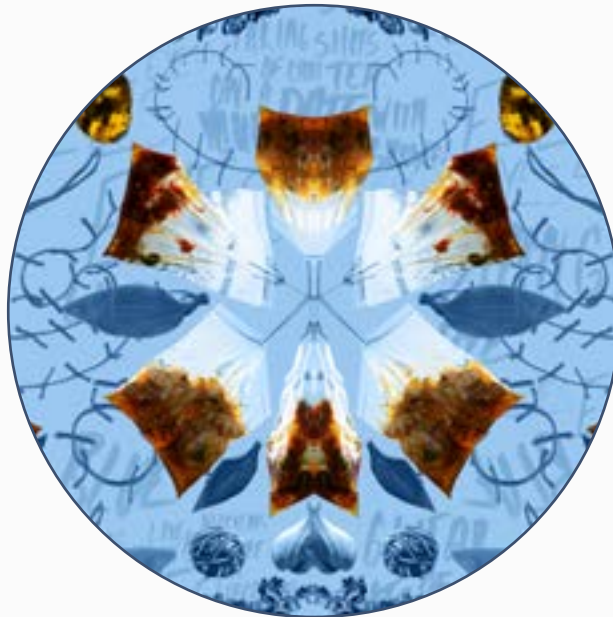
## LOCATION

Cincinnati, OH, USA



## ART

Barmecidal Relations investigates the precariousness of home in others by reimagining perceptions of origin, displacement, and belonging. The repurposing of trace materials left behind from others, showcases the ways in which we relate objects to identity. By examining long-distance relationships and the 'made' family, this project unravels the embedded fibers of codependency and reinterprets politics of belonging. After examining non-proximinal relationships and telecommunications, Barmecidal Relations revealed a ubiquitous sensation of emotional deprivation.





# ARIES

DSGN 8001-2 | Master of Design Thesis

Professor Claudia Rebola | 2019-2020 Academic Year



## PARTICIPANTS

Ryan Norton

## LOCATION

Cincinnati, OH, USA



## DESIGN

With rising life expectancy and medical abilities the aging population is growing rapidly. Universally, societies are struggling to find care for aging adults. Robotic companions can help the aging population find comfort, without the necessary complexities of animal care. In addition to the social benefits, robotic companions offer a novel opportunity. This project created a tool allowing regular interaction with the pet to take basic vitals, share messages from friends and family, and remind users of daily tasks.

