

CONGRATULATIONS



**DAAPCARES WON 3RD PLACE AT
THIS YEAR'S STUDENT IMPACT SYMPOSIUM**





MISSION

DAAP Cares is a collective of faculty, students and organizations committed to improving the quality of life for individuals and communities in need through the pursuit of theoretical and applied projects and research. The mission of DAAP Cares is to foster improved quality of life by identifying humanitarian causes and working as interdisciplinary teams that connect design, architecture, art, planning, and other disciplines to conduct research, create new theoretical frameworks and generate productive, inspiring solutions.



Cincinnati, Ohio

- UP 2 DAAP
- Pediatric Cancer Care
- Digital Navigation Suite
- DAAP Equity & Inclusion
- Coverdell Fellow Internships
- Thrive: Student Wellbeing Hub
- Safe Space
- Mindfulness Week
- Design Thinking for Aging in Place
- Swiffer Packaging Redesign for the Aging Consumer
- Food Systems and the Environment (Pennsylvania)
- Tessa
- Co'Habitation
- Rethinking Fairview Park
- Mok
- Spatial Interaction that Cares
- Abille
- Pop-Up Oasis
- Techniques of Historic Preservation Documentation

Bourbon County, Kentucky

The Core of Bourbon County

Louisville, Kentucky

Re-imagining the California Neighborhood, Louisville, Kentucky,

San Juan, Puerto Rico

Vice Versa

Santo Domingo, Dominican Republic

Managing the Urban Environment – Santo

Casablanca, Rabat and Marrakech, Morocco

Slum Clearance Programs in Morocco

Sabashahr, Iran

We Create Communities, Communities Create Us

India & Nepal

Demystifying Traditions

Timor-Leste (East Timor)

Feto Buka Mors

UP 2 DAAP

The Summer 2018 Public Art Studio took place in Cincinnati to explore the ways by which art in the public can impact a community, neighborhood, and/or identity of the city. In the first stage of the studio, the multi-disciplinary team of undergraduate and graduate students investigated the complex political, social, and cultural issues that are present in the urban core. This process encouraged the students to discuss, learn, and demonstrate the technique, skills, and practices needed to communicate and work collaboratively with local community groups and individuals.

In the second stage, after the several brainstorming session and design charrettes, the studio decided to create a temporal mural displayed on the staircase leading from Clifton Avenue to the DAAP Building. The design concept and material composition of the mural is derived by the protests and social movements occurred across the United States, and at the UC Main Campus. The primary element of the mural, a fist, articulates the solidarity among the communities, and the power of activism to tackle the structural issues. The stair mural also refers the creative and inspiring agency of DAAP students to bring social change and improvements to our communities. In brief, it's up to DAAP!

PARTICIPANTS

Joseph Girandola
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Ashlee Dinger-Marshall
Gabrielle Boyd
Juliana Privitera
Kelsey Collins
Macartney Greer
Max Merritt
Ryan Tinney
Samantha Lakamp
Taryn Valentino

LOCATION

Cincinnati, Ohio
DAAPcares 2019



MANAGING THE URBAN ENVIRONMENT

During the 2018 Fall semester, the PLAN 6038 Managing the Urban Environment class prepared what is now the fifth volume in a series of books that focus on the practice of Urban Environmental Management (UEM) in developing countries, which both face more immediate problems than the developed world and have fewer resources to deal with them. Previous classes have published books on Mysore (India), Lagos (Nigeria), Manila (Philippines) and Lima (Peru). The course instructor, Dr. David Edelman, served as a consultant for the groups. Each group produced a chapter for the book, which was then edited by the instructor and published commercially by LAMBERT Academic Publishing.

The focus of the book was creating a 5-year plan to help solve the urban environmental problems of Santo Domingo, Dominican Republic, the Caribbean's largest city. This was achieved by utilizing real-world databases, interviewing in-country experts, and coordinating project proposal costs with the overall class budget. Chapters focused on poverty alleviation, water, sewage and sanitation, industry, transportation, energy and finance. This volume was completed in collaboration with the School of Architecture of Pontificia Universidad Católica Madre y Maestra (PUCMM) in Santo Domingo, where Dr. Edelman spent his sabbatical two years ago.

PARTICIPANTS

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LOCATION

Santo Domingo, Dominican Republic
DAAPcares 2019



**PLAN 6038: Santo Domingo
5-Year Plan**

SAFE SPACE

One in four women are sexually assaulted during their time enrolled at a college or university, this is greater than the national average. The statistic for men is one in ten. I am designing a safe space for survivors of sexual assault and gender-based violence on UC's campus for my final interior design capstone project. The site is the old YMCA Building on Calhoun Street. The design will answer the question of, "How might a safe space foster refuge for survivors, help to alleviate trauma, and guide survivors towards a state of empowerment?"

Integrating all of the supportive services for survivors into one building is how we can begin to foster this sense of refuge. These services include temporary emergency housing, advocate services for initial intervention, counseling services for further treatment, and prevention services that the survivor, shall they choose to, get involved with and empower other survivors.

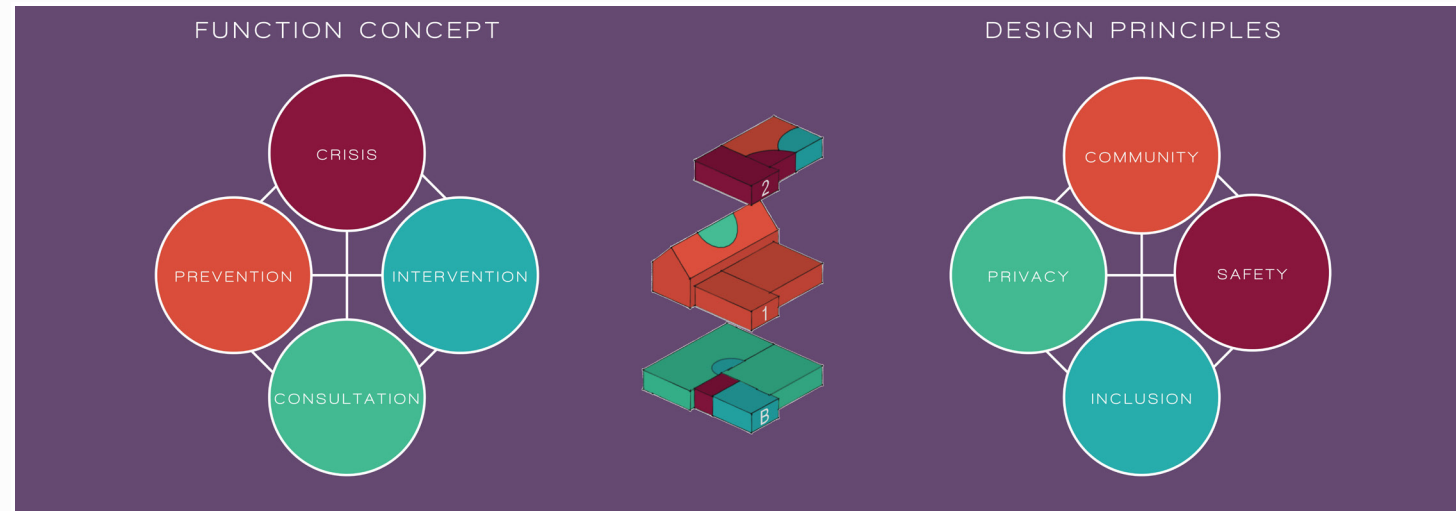
By utilizing layering techniques to create different levels of privacy and building connections between these services, this will foster a sense of safety and empowerment for the survivor. This guides survivors towards moving forward in the healing process and becoming a powerful advocate within a strong community of women and

PARTICIPANTS

Edson Cabalfin
Meghan minton
Elena Thier

LOCATION

Cincinnati, Ohio
DAAPcares 2019



ANEW

Anew is a line of postpartum lingerie that targets healing of both the body and emotional health of women that have had children within the past year. This garment line will make use of embedded technology to help ease the pain associated with the post childbirth time period and to help heal both the musculature and physique of women, while promoting self-confidence.

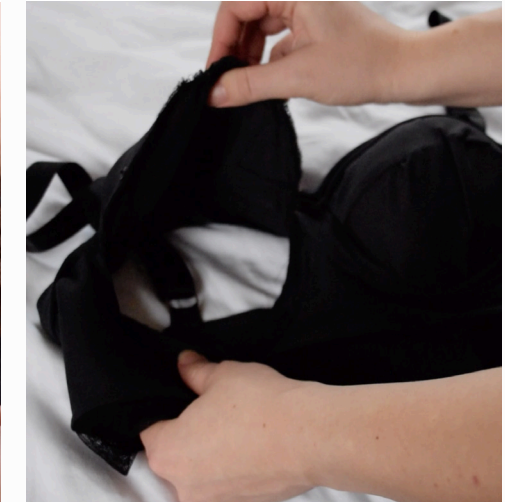
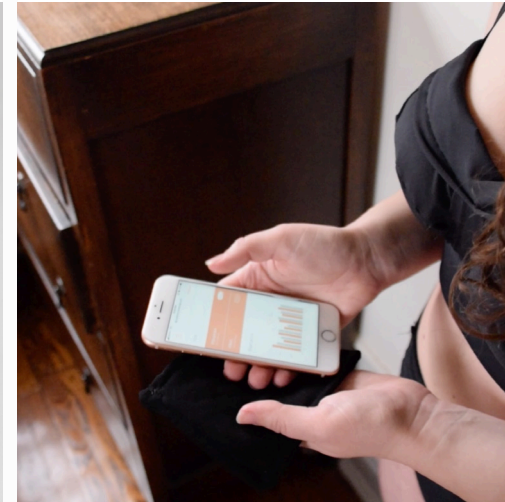
Made out of comfortable, and slightly compressive fabric, the garment will function to help "put things back where they are supposed to be", ease cramps and pain, and help boost self-esteem. The garment will have two upper pockets, for heating pad and vibration technology. The design will also include two lower pockets, one for a cooling insert, and one for a pad to collect excess fluids. All of the technological functions are controlled by an application, that allows the user to control settings, turn the technology on and off, view analysis of usage, and to provide the women using the garment a community to engage with.

PARTICIPANTS

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LOCATION

Cincinnati, Ohio
DAAPcares 2019



Postpartum Body
Confidence Redefined

FETO BUKA MORIS

During my time working as a Peace Corps volunteer in Timor-Leste, I worked together with a local women's group who made and sold cassava chips. After a year of working together with the women of Feto Buka Moris, it became clear that a major setback to their business was a reliable work space and a lack of business and marketing training. To combat this, the women and I created the Marketing Training and Improvement Security and Sanitation of Cassava Chips Production Program which consisted of a twoday hands-on marketing training and the construction of a new work space. Together we took steps such as vision mapping and asset mapping to figure out what resources we already had within the community and what external support we would need in order to complete this project.

We received \$3000 in grant funds for this project which were used to purchase building materials, materials transport, and to purchase materials for the training portion of the program. From this program the women received agreements from two new store locations to sell their cassava chips and constructed a new hygienic and secure production space.

This project was completed with over \$4000 in community contribution and over 3768 volunteered man-hours.

PARTICIPANTS

Amy Morgan
U.S. Peace Corps
Feto Buka Moris
JICA
RAEBIA

LOCATION

Fadabloco, Timor-Leste
DAAPcares 2019



MARKETING TRAINING & NEW PRODUCTION SPACE

PEDIATRIC CANCER CARE DIGITAL NAVIGATION SUITE

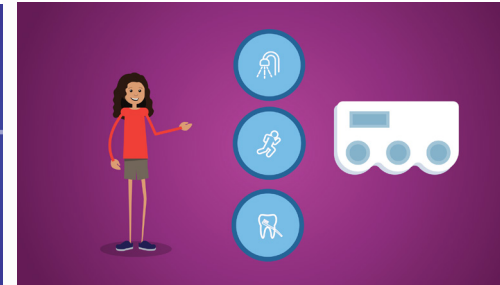
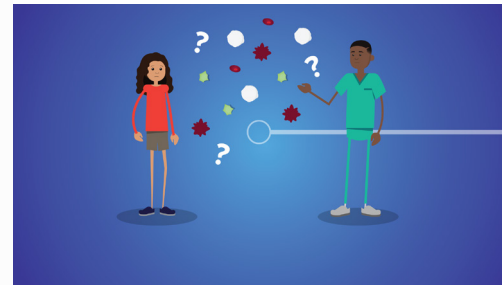
Taking the form of an animated visual narrative with voiceover, this introductory overview highlights several of the collaborative initiatives between students and faculty at the Live Well Collaborative and cancer care professionals at Cincinnati Children's Cancer and Blood Diseases Institute that compose the Digital Navigation Suite. These include: a library of short, educational animations to help improve understanding of various diagnosis, treatment plans, and survivorship considerations; an Electronic Treatment Calendar Hub (ETCH) that provides patients easy, secure, real-time access to their treatment and medication schedules; and the Activities of Daily Living (ADL) 1-2-3 Device that takes a gamification approach to helping immunocompromised patients track their daily completion of three activities that have been proven to reduce their risk of infection during inpatient stays.

PARTICIPANTS

Jennifer Hill
Todd Timney

LOCATION

Cincinnati, Ohio
DAAPcares 2019



Live Well Collaborative

DAAP EQUITY & INCLUSION

At the College of Design, Architecture, Art, and Planning we value a tolerant, inclusive, and caring learning and teaching environment that allows for the development of creativity through our common and diverse interests. As creative practitioners, we engage in conversations every day that cross boundaries and connect communities, locally, nationally, and worldwide. We recognize that the same skills of active reflection and engaged action that continually reinvent our experience of the world also serve the broader goal of participating in the creation of a vibrant, just society in which all members of our community are valued.

PARTICIPANTS

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Christopher Auffrey
Aaron Cowan
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Esama Salem
Renee Seward
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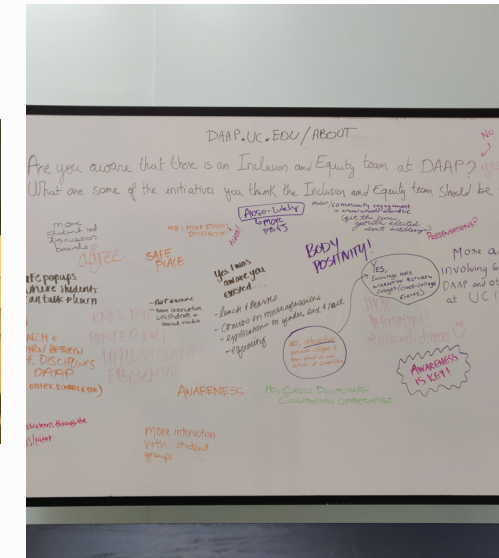
LOCATION

Cincinnati, Ohio
DAAPcares 2019



Tuesday
March 26, 2019
DAAP Cafe'
12:30-1:30pm

Eat free sandwiches handmade for you
Talk "Why, sometimes I've believed as many as six impossible things before breakfast." Lewis Carroll, Alice in Wonderland
Community all welcome



THRIVE

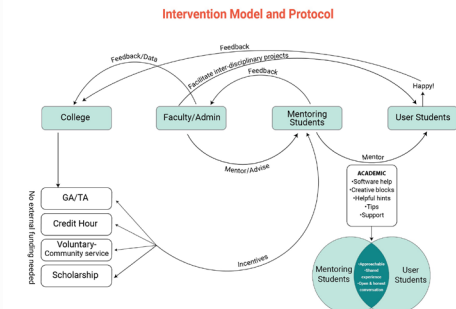
This project aims to address some of the key stressors affecting students in their daily life. The management of stress arising from pedagogical activities and from stressors associated with oncampus life leads to a better student experience. The underlying causes of stress among undergraduate design students were identified through surveys and interviews with students and stakeholders at the University of Cincinnati. The stakeholders included professors and psychologists at the Counselling-and-Psychological Services who deal with students facing stress and mental health issues on a regular basis. Post-identification of the underlying stressors, tools were developed to help mitigate their impacts. The output of this project is a four-component tool-kit named 'Thrive.' Though each tool can be used by itself, the tools are interconnected for providing a holistic tool-kit for responding to stressors. The tool-kit includes - the 'Thrive Totem-pole' aimed at changing the student's mindsets by spreading positive messages; the 'Thrive-Tape Zone', aimed at creating a space for separating the students from their stressors; the 'UC-Connect App' enabling community building of like-minded students; and the 'Thrive Journal' for helping students set and meet goals. The 'Thrive' toolkit can be implemented with modifications in various similar educational settings to improve the student experience.

PARTICIPANTS

Swati Chopra

LOCATION

Cincinnati, Ohio
DAAPcares 2019



Student Wellbeing Hub

VICE VERSA

Vice Versa is a collaborative project between the students of Escuela de Artes Plásticas y Diseño (EAPD) of Puerto Rico and the College of Art Design, Architecture, Art and Planning (DAAP) of Cincinnati. These institutions will begin a series of art shows exchanges with the purpose of creating a significant impact in the artistic and professional experiences of the art students and with the goal of creating a new connection between both schools.

The first of these exchanges will begin in summer 2019 with two separate gallery shows, one in DAAP and another in EAPD. Both institutions will present a selection of paintings and drawings from students of the opposite school.

This idea of joining the schools together will be pushed even further by connecting the two exhibitions via a live stream projection. The visitors of the shows would be able to join and experience the other show without having to be physically present at both galleries.

Upon the completion of this first exhibition, Vice Versa will also begin an exchange of faculty works for the Spring of 2020. The long-term goal is to create an "art bridge" that connects the art of the Caribbean with the art of the Midwest.

PARTICIPANTS

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Kimberly Burleigh
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LOCATION

Cincinnati, Ohio & San Juan, Puerto Rico
DAAPcares 2019



Recruitment and Diversity
Opportunities

DESIGN THINKING 101 FOR AGING IN PLACE

In 2010, seven potential family caregivers existed for every person over 80. By 2050, there will only be three (AARP 2013). In addition, research shows that most people desire to stay in their homes as they age; however, they are often ill equipped for the changes aging brings and articulating their needs to caregivers. In order to bridge this gap, the Live Well Collaborative has partnered with UC's Osher Lifelong Learning Institute (OLLI) to offer Design Thinking 101 for Aging in Place. The cross-generational course exposes participants to different design thinking methodologies with guest lecturers on various topics. The participants apply methodologies such as benchmarking, storyboarding, and rapid prototyping to real-life scenarios and situations under the lens of caregiving for Aging in Place.

PARTICIPANTS

Blake Lane
Jamie Maier
Edson Cabolfin
Kate Lake
Sarah Grunkemeyer

LOCATION

Cincinnati, Ohio
DAAPcares 2019



Live Well Collaborative

RE-IMAGINING THE CALIFORNIA NEIGHBORHOOD, LOUISVILLE, KENTUCKY, THROUGH LANDSCAPE CHANGE

Students in the Master of Landscape Architecture Sustainable Sites III Studio were tasked with identifying landscape change within the underprivileged California Neighborhood next to downtown Louisville, Kentucky. Using this baseline of change, students were then asked to identify design solutions that could better the community, and that could be implemented on the city-wide scale. Vacant lots were a huge aspect of this studio, and re-imagining their purpose to society and nature through ecosystem services that they could provide.

PARTICIPANTS

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Sadaf Khalilzadeh
Kyle McGurn

LOCATION

Louisville, Kentucky
DAAPcares 2019



California Neighborhood Location



SWIFFER PACKAGING REDESIGN FOR THE AGING CONSUMER

In 2010, seven potential family caregivers existed for every person over 80. By 2050, there will only be three (AARP 2013). In addition, research shows that most people desire to stay in their homes as they age; however, they are often ill equipped for the changes aging brings and articulating their needs to caregivers. In order to bridge this gap, the Live Well Collaborative has partnered with UC's Osher Lifelong Learning Institute (OLLI) to offer Design Thinking 101 for Aging in Place. The cross-generational course exposes participants to different design thinking methodologies with guest lecturers on various topics. The participants apply methodologies such as benchmarking, storyboarding, and rapid prototyping to real-life scenarios and situations under the lens of caregiving for Aging in Place.

PARTICIPANTS

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colin Cormier
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Ruby He
Ezz Osman
Josephine Edelbrock
Megan Sullivan
Taylor Gittings
Anna Maffey
Jiani Zhu

LOCATION

Cincinnati, Ohio
DAAPcares 2019



CO'HABITATION

As human beings, we are naturally social creatures who have depended on each other for survival for centuries. Yet, modern day society has evolved where people feel socially isolated due to cultural acceptance of independent living and increased dependence on technology, harming our mental health. We have accepted isolation as a norm, which is reflected in our built environment and living spaces.

Therefore, we must question our modern day design standards that have predefined functions within independent housing. We need a solution to re-establish our sense of community and human connections within our current living structure.

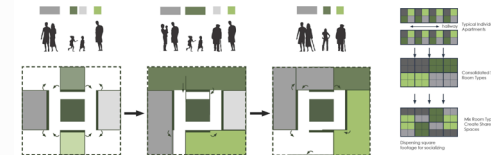
Co'Habitation is a research based social co-housing project that dissolves and challenges the known, perceived notions of how we live in space, to serve those in need of varying social support. By re-arranging different functions and room types in order to be shared, spaces can be transformed to become social and inclusive spaces, changing social dynamics and norms. This creates opportunities for interiors to become flexible to adjust to the needs and lifespan of the family, creating moments of intersection between various households and generations. Interior space can bring people of all ages together and become more empathetic and form more common ground among occupants.

PARTICIPANTS

Edson Cabalfin
Meghan minton
Tyler Haaz

LOCATION

Cincinnati, Ohio
DAAPcares 2019



FOOD SYSTEMS AND THE ENVIRONMENT

How does the way we eat impact the environment? Researchers estimate that roughly 30% of anthropogenic greenhouse gas emissions is due to agricultural food production. On top of that roughly 30% of food is wasted, accounting for another 8% of greenhouse gas emissions. At the same time, as we over-consume certain foods with potentially disastrous consequences for our planet, the United Nations calculates that nearly a billion people are chronically undernourished. As our society searches for methods of curbing greenhouse gas emissions and adapting to climate change, we must deeply assess our relationship with food and the way it is produced.

This project examines our food and agricultural systems through the lens of community planning and systems design. Contextualizing on-farm experiences with literary resources, community interviews and a planning framework, the study lays out a pragmatically radical path for municipalities, food providers and farmers to work together to change the food system. From policy to practice, this semester-long project aims to develop a framework for thinking about how to turn food waste into a positive resource helping agriculture to drawdown greenhouse gases and deliver food more equitably.

PARTICIPANTS

Sue Trusty
Branson Skinner

LOCATION

Cincinnati, Ohio & Pennsylvania
DAAPcares 2019



TESSA

Many children with heart failure will end up on a mechanical device to support their blood circulation known as Ventricular Assist Devices (VADS). This therapy is often life-saving but there is a high risk of adverse events that are associated with the VAD devices. When analyzing the care surrounding these life-threatening circumstances that occur in these patients the overall common denominator is a lack of accessories to support VADs and their safe performance. In pediatric institutions, a variety of VADs are used and all of these devices are recognized as "off-label," therefore, the industry is not required to provide a pediatric-specific or pediatric-friendly product. This is why designing bags and accessories for VADs has been identified as one of the greatest needs of the pediatric heart failure community.

The meaning behind Tessa, is that Tessa was the first patient from CCHMC who I was introduced to that made her own VAD bag. Tessa's mom realized that a child should have a normalized experience when having a VAD and there is no proper carrier for the device. So, the mom cut up a children's book bag to best ability and made her own ventilation so that the VAD device could live in the bag under the best circumstances.

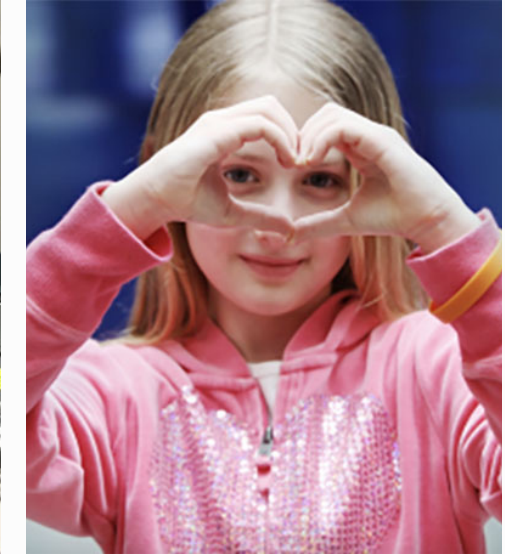
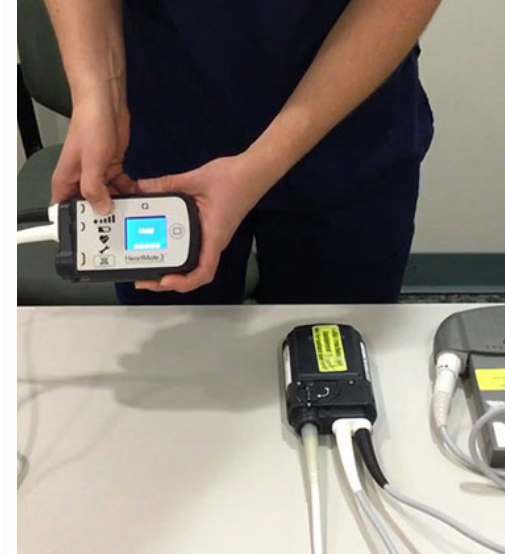
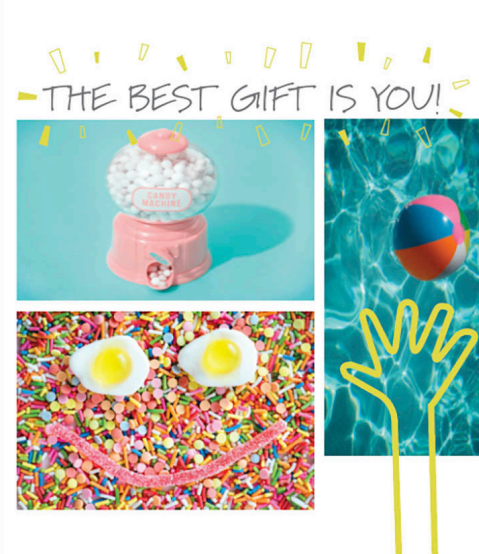
My goal for my capstone is to both develop and design pediatric approved VAD bags and accessories for the HeartWare and HeartMate 3 device using patients to not only improve care but provide proper storage of the devices themselves.

PARTICIPANTS

George Sarofeen
Sarah Grunkemeyer

LOCATION

Cincinnati, Ohio
DAAPcares 2019



RETHINKING FAIRVIEW PARK

Fairview Park boasts a spectacular viewpoint, but the park itself is lackluster. It is often vacant and the entire 8-acres is underutilized. Fairview is also situated in one of many low-food access neighborhoods within Cincinnati. We identified this site as having potential for a social design intervention. By using permaculture techniques, we plan to beautify this underutilized green-space so it is once again an inviting park for relaxation, meditation, and escapism. Our aim is to foster a sense of community and empower those within this low-food access area a space for free urban food production and collection.

We propose the grounds will be kept for recreational purposes but will be transformed by the inclusion of a community building and gardens, open access foraging, inviting landscapes, new hiking trails, and strategically placed shelters and benches. The park will be designed to be resilient and sustainable requiring little maintenance. Open foraging will be implemented throughout the grounds yielding access to food and an introductory education to edible plants. The neighborhood will be invited to participate in community gardening and have access to a social space. The building will be an example of an off-grid site, housing educational activities and other local events.

PARTICIPANTS

Braden Trauth
Amy Federwisch
Ryan He
Sebra Debrecht

LOCATION

Cincinnati, Ohio
DAAPcares 2019



Regenerative Edible
Landscape for Forgotten Park

MINDFULNESS WEEK

This semester, the DAAP Cares student group is working on a project that will be implemented at the end of the semester. The goal is to have a solid graphic layout so there will be at least one poster to show once the DAAP Cares Event comes around.

This project seeks to promote a sense of community and positive mental health for all students within the college of DAAP during April 22nd – 26th, or, as we call it, "Hell Week". This will be accomplished through a poster campaign in the DAAP building. There will be various points of interaction, including quick activities, larger events, and positive words of affirmation. The design will follow a cohesive aesthetic and is to be advertised as a DAAP Cares project.

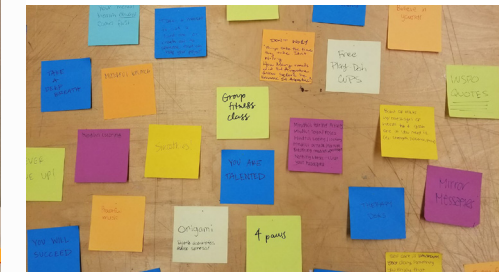
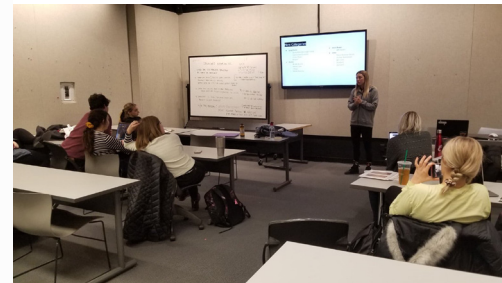
We are planning for three events; a fitness class (such as yoga), having a therapy session with 4 Paws for Ability and a succulent sale/giveaway. There will also be an interactive survey posted for people to participate in, with a thoughtful question about mindfulness, hand-made sketchbooks set out in the DAAP Café for people to draw in together, and notes of positive affirmation posted around the school to encourage positive thoughts.

PARTICIPANTS

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Maddie Coppola
Sam Dever
Andi Moore
Emily Skalka
Phoebe Walker
Ryan Todys
Kenna Gibson
Adam Green
Evander Frisch
Kesla DeWall

LOCATION

Cincinnati, Ohio
DAAPcares 2019



DAAPcares Student Group

MOK

Mok is an accessible, open source charger that converts lost heat into energy. Because of the unique economic mobility cell phones provide, there is an exploding global population who own phones despite a very low family income. Especially common in high density, low income communities, often dubbed "slums," most people own phones, despite limited or no access to electricity in their homes.

Mok uses only salvageable and extremely cheap components to convert lost heat into usable energy. These salvageable components give the user ultimate customizability to grow and change the design according to local materials and need, ending a saviorist precedent of Western designers shipping supposedly useful aid products globally that sit unused because of a lack of local understanding. This also treats electronic waste as a valuable resource that can inject value back into the economy, keeping them out of landfills in the process.

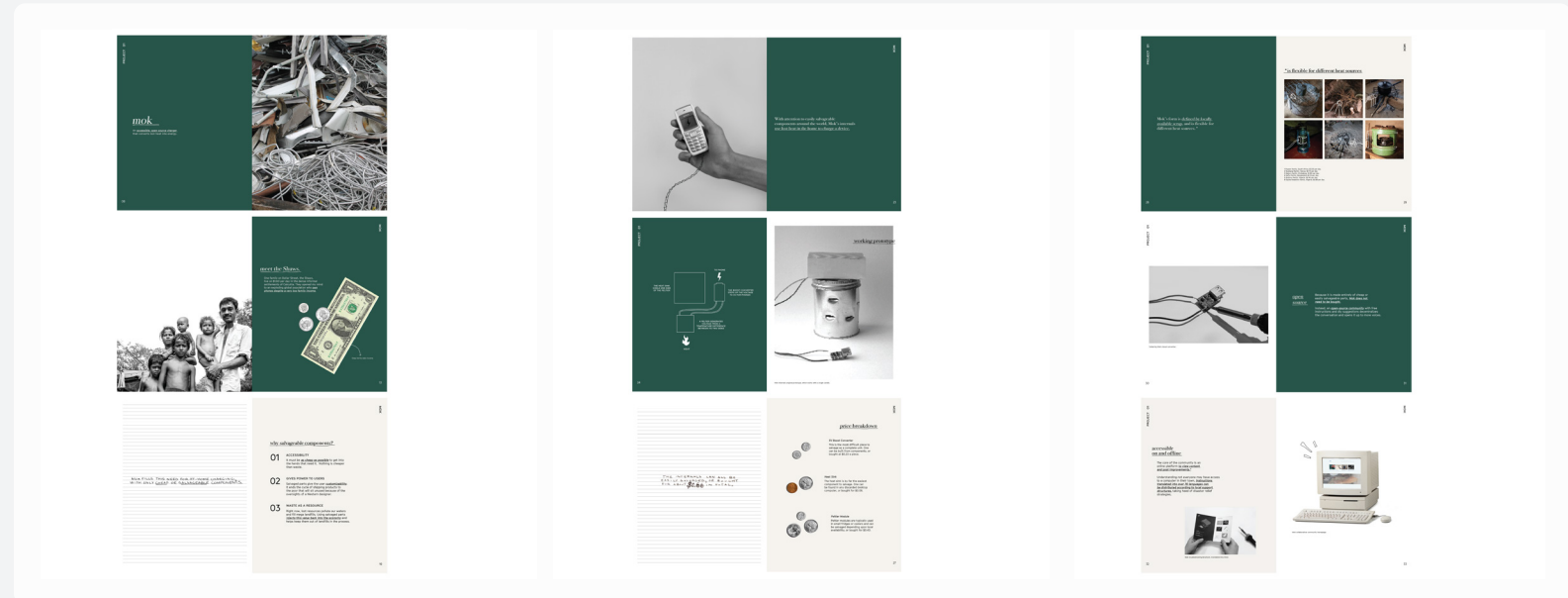
Similarly, Mok's form is defined by locally available scrap and is flexible for different heat sources. With this focus on salvageable components, Mok does not need to be bought. Instead, an open source hub of DIY instructions and user posted improvements decentralizes the conversation, supported by an online community as well as instruction booklets distributed according to local relief support structures. This releases Mok into the hands of all people, allowing the concept to grow and morph, or even to be used in a variety of creative, entrepreneurial ways.

PARTICIPANTS

Sarah Hammonds

LOCATION

Cincinnati, Ohio
DAAPcares 2019



SLUM CLEARANCE PROGRAMS IN MOROCCO

Slums are still resisting in major cities in Morocco such as Casablanca, Rabat and Marrakech, due to exogenous systemic issues like the informal sector, but also due to shortcomings inherent to the housing delivery system in the context of the clearance program, that impact the level of desirability of affordable housing units. Among these shortcomings is the inadaptability of financial tools aimed at households living in slums to access home ownership, and specifically the three first deciles of the urban population.

This research explores primarily the existing literature related to slums in the Global South to situate the problematic in a theoretical framework. The literature review explores key concepts correlated to the right to the city, urban poverty, self-help construction, as well as financial tools and subsidies, to cite only those. Afterwards, the emphasis is placed on the housing delivery system in Morocco by analyzing housing options delivered in the context of CWSP (i.e., sites-and-services and capped-price apartment units), while highlighting financial, social and technical aspects associated with each option. Then, the financial tools implemented for slum households are introduced, explicating its constraints and limitations. The focus is placed next on the first three deciles of the slum population, using a quantitative analysis, to explore the suitability of these financial tools in regard to the overall cost of the housing options available. A complementary qualitative approach is performed based on a reduced sample of households living in Douar Kouara in Rabat.

PARTICIPANTS

David J. Edelman
Rainer Vom Hofe
Meryem Belkadi

LOCATION

Casablanca, Rabat, Marrakech,
DAAPcares 2019



ABILLE

Abille ("Uh-Beel") is a fashion, graphic, and industrial design collaboration that empowers, exerts confidence, and shows respect to adolescent age children – especially those with cerebral palsy. It provides them with a relationship with fashion through universal adaptive clothing, shoes, and an accessible visual identity so that they may gain the independence to dress themselves as they prepare for adulthood. Abille is not meant to segregate these children who were born with different abilities. It is not an exclusively "adaptive" line. Rather, the flexible clothing makes creating an identity through fashion easier and more customized to the wearer. Abille appeals to all teens and creates a sense of community between adolescent age children of all abilities and needs.

Abille began as a dream from designers who yearned to spotlight children who are rarely given opportunities to shine. With an interest in working with children with disabilities, the Abille team has spent well over a year conducting research, interviewing individuals across the country, testing, and exploring new innovative methods to empower children who are often stripped of their dignity by being labeled "disabled." Although Abille is focused on children with cerebral palsy, our products help children with many different special needs and appeal to all children through lighthearted, fun branding and unique, trendy clothing.

Abille will be shown at 2019 DAAPworks display as well as at the annual DAAP fashion show on May 3. To view some of Abille's process, please visit @abille_clothing on Instagram.

PARTICIPANTS

Sean Hafer
George Sarofeen
Zach Hoh
Claudia Rebola
Jordan Hildebrandt
Leah Bailey
Maria Baker
Andrew Birkhoff

LOCATION

Cincinnati, Ohio
DAAPcares 2019



Girl's Trousers: The magnetic fly without the use of a zipper or buttons allows one to easily fasten their pants without using fine motor skills. On the outside, the pants appear to have a standard fly, but on the inside, it is much easier to put on. Additionally, the bottom right image shows the adjustable hem lengths. The length of the pants can be adjusted to several different levels by simply looping an elastic loop over a positioned button. This allows anyone regardless of height to be able to wear the same pants.

SPATIAL INTERACTION THAT CARES

It is evident that technology is incorporated into the fabric of the built environment as a way of meeting contemporary challenges and human needs. In this seminar course, Spatial Interaction, the students explored the idea of various types of interaction within a space that support a complex flux of contemporary human activities and experiences. In this course, we explored an in-depth understanding of humans from the perspective of psychobiology (behavioral neuroscience) as the key to a better apprehension of the fine amalgamation among space, technology, and design. Various user groups including children with autism, young adults with adverse childhood experience (ACE), working adults with social anxiety, adults with weak vision, etc. and their needs from the perspective of psychobiology and social connection were the main focus of our investigation. We explored the spatial interaction concept as a strategy of meeting the varying and fluctuating needs of these individuals and devised spatial platforms that support their healthy and humanistic environment. Each student team (consisting of 3-4 students) designed a three-dimensional (3D) spatial game and spatial platform for a selected audience group using both physical and virtual (or digital) technology that is currently available or can be envisioned as a future possibility.

PARTICIPANTS

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Halkur Srinath
Unmesh Shrikant Kelkar
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Bethany Paulsen
Yiyang Qiu
Jinal Manishkumar Shah
Dylan Stein

LOCATION

Cincinnati, Ohio
DAAPcares 2019



Spatial Interaction Seminar
Student Group

THE CORE OF BOURBON COUNTY

The Pop-Up Oasis reinvents the temporary housing system for victims of natural disasters. It is a retreat to relax, recover and then return back to life with a restored sense of confidence. It provides both physical support and an instant emotional support system. The housing units are constructed within an existing warehouse that has access to existing utilities such as electric and plumbing. The housing units are modularly constructed to ensure an efficient system delivered flat-packed and assembled on site.

The modular pieces allow flexible construction within any existing space and easy repairs if a piece breaks. After the housing units are populated, the remaining space is filled in with programs based on privacy and noise levels. The central program is an oasis garden that creates an otherworldly experience and an air and water filtration system. Adjacent to the oasis garden will be public lounges and cafes where residents can congregate, relax and connect with each other. In the private most seclude areas there will be work spaces to provide a space to focus and get work done. Solar Panels and skylights will allow natural light to enlighten the interior and harvest energy for the space. The space will be majority self-sustaining and offer a higher quality system of recovery.

PARTICIPANTS

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LOCATION

Paris, Kentucky
DAAPcares 2019



ANTIOD

AntiOD project addresses the need to provide an integrated solution to support the lay rescue of opiate overdoses to stem the worsening, tragic epidemic of opiate overdose deaths. The opioid crisis continues to increase as one of the significant causes of death in the United States. In Cincinnati Ohio alone, where the team resides, 50 to 80 people die a week. Learning from the NaloxBox pilot, Dr. Rebola and her team re-designed the cabinet by advancing a single use educational dispenser, AntiOD, to be installed in downtown Cincinnati at the moment.

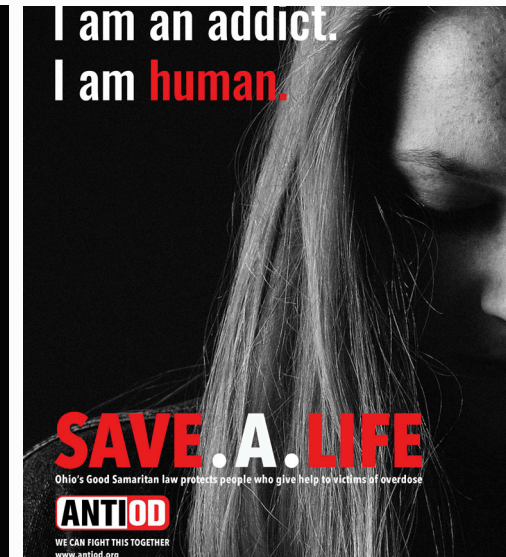
While AntiOD continues to focus of the aforementioned points, the project also extends in designing access by means of creating more accessible information (training materials, pocket sheets, video training) and visible awareness focusing on encouragement and empowerment campaigns. The significance of this project is to empower communities by giving the right methods to save lives; and take action rather than delegating responsibilities in this epidemic — this model positions naloxone as a community resource designed for lay intervention akin to automated external defibrillators for sudden cardiac arrest, or fire extinguishers, supporting regular citizens to save a life. We can fight this crisis together.

PARTICIPANTS

Claudia Rebola
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Sebastian Ramirez
Chris Jackson

LOCATION

Cincinnati, Ohio
DAAPcares 2019



Tackling the Opioid Crisis
Through Design

HISTORIC RESOURCE DOCUMENTATION

Each year the students in the Techniques of Historic Preservation course create measured record drawings of historic buildings in the Tri-State area. This year the students in the class focused on projects that provided professional services to underserved communities. The result was that hundreds of hours of architectural drafting services have been donated to a number of deserving not-for-profit organizations.

Two of the projects served African-American institutions and were located in Walnut Hills. The most challenging subject was the Club House of the Federation of Colored Women on Chapel Street. This building, owned by the Women since 1922, was originally designed by Samuel Hannaford for a former mayor of Cincinnati, C. H. Burroughs in 1888. The house is a three-story Queen Anne mansion that requires a sustained program of rehabilitation and some restoration. The students drew up floor plans, sections, elevations, and interior details that will be used by the Women's male auxiliary, the "Few Good Men," to prepare grant requests and permit packages for their rehabilitation work. The students also prepared a building condition report that details many of the repair issues with the building and suggests possible remedies. A second group of students drew up plans for the First Baptist Church of Walnut Hills, a Gothic Revival building with a 1960s addition located at Park Street and Lincoln Avenue. Students drew up floor plans and elevations and illustrated many of the details of the building.

PARTICIPANTS

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LOCATION

Cincinnati, Ohio
DAAPcares 2019



PATHWAYS

To help alleviate some of the pain points for people struggling to navigate Social Services and self-sufficiency, there needs to be better education and transparency about benefit cutoffs and the Cliff Effect along with the shortcomings and issues associated with them. The Cliff Effect occurs when someone who is working towards economic stability earns a wage increase, but this causes them a loss of benefits that are worth more than their raise. It's taking one step forward, then two steps back.

Pathways is a mobile application that compiles and provides information about benefits to those who are receiving government assistance. According to research, it is often difficult for families to plan for the future. This app would make it easier to keep track of current benefits, find new benefits, as well as run what-if scenarios to see how changes in income and family situation might affect access to benefits.

PARTICIPANTS

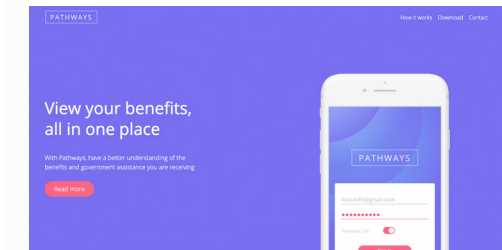
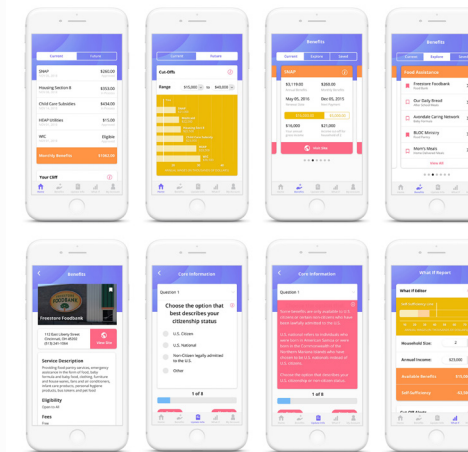
Matthew Wizinsky
Tuscan Duckro
Babaljit Kaur
Mikayla McMellan

LOCATION

Cincinnati, Ohio
DAAPcares 2019



**FEDERAL
POVERTY
LINE**



Child Care Subsidies	\$438.00
HEAP Utilities	\$15.00
WIC	Eligible
Monthly Benefits	\$102.00
Yearly GMI	
Annual Benefits	\$24,000.00

Overview of benefits and cliff

See how much you are receiving in benefits for the current month, how your self-sufficiency is calculated and where you are on your personal cliff

Cliff Effect Education and Application

PAUL D. COVERDELL FELLOWSHIP

The Paul D. Coverdell program assists Returned Peace Corps Volunteers (RPCV) complete internships in underserved communities in the United States, while they attend graduate school. The Coverdell Fellows program at the University of Cincinnati's School of Planning allows RPCVs to bring home and expand upon the skills they learned as Volunteers. These skills in adapting to new cultures, developing and managing projects, dealing with language barriers, and leveraging limited resources attract the attention of community development organizations.

This year's Coverdell fellows, Jamie Kreindler (Morocco), and Ian Vanness (Morocco) both have internships that continue their commitment to assisting underserved communities here in the Cincinnati area. Jamie's interest in social justice led her to the field of affordable housing where she is currently working at Cornerstone Renter Equity in Over-the-Rhine. She is assisting the organization with applicant interviews for affordable housing programs. Similarly, Ian's interest in divested neighborhoods led him to the field of comprehensive community planning where he is working at Price Hill Will in Price Hill. He has helped the organization create a physical impact map of the nonprofit's affordable housing and economic development projects.

PARTICIPANTS

Johanna Looye
Jamie Kreindler
Ian Vanness

LOCATION

Cincinnati, Ohio
DAAPcares 2019



COVERDELL
FELLOWS



U.S. Peace Corps Coverdell
Fellows Program

DEMYSTIFYING TRADITIONS

Anew is a line of postpartum lingerie that targets healing of both the body and emotional health of women that have had children within the past year. This garment line will make use of embedded technology to help ease the pain associated with the post childbirth time period and to help heal both the musculature and physique of women, while promoting self-confidence. Between cramps, pain, excess vaginal fluids and blood, lactation and a need for compression, all things that result from giving birth, women have many needs that are not being met by everyday underwear. The products that do exist tend to be geared towards covering up the post-birth body and are not multi-functional.

Women's self-esteem has also taken a huge hit, and unflattering postpartum wear isn't contributing to raising this level of self-esteem. Made out of comfortable, and slightly compressive fabric, the garment will function to help "put things back where they are supposed to be", ease cramps and pain, and help boost self-esteem. All of the technological functions are controlled by an application that allows the user to control settings, turn the technology on and off, and to provide the women using the garment a community to engage with.

PARTICIPANTS

Craig Vogel
Neha Mann

LOCATION

India & Nepal
DAAPcares 2019



Menstrual Exclusion

POP-UP OASIS

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PARTICIPANTS

Edson Cabalfin
Meghan Minton
Anna Kendrick

LOCATION

Cincinnati, Ohio
DAAPcares 2019



PATIENT ROUNDS NOTIFICATION SYSTEM

The Rounds NOTification System is a software application designed by a transdisciplinary team of students from DAAP's School of Design, and CEAS's Department of Biomedical Engineering to improve the process for planning and executing daily patients rounds. It increases clinical care team member participation by creating digitally disseminating a data-driven schedule, and patient/family satisfaction by reducing the window for when they can expect the rounds team to arrive to 1-hour, and reminding them of the teams' impending arrival 15 minutes in advance using SMS notifications.

PARTICIPANTS

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 Ariel Swift
 Jay Heyne
 Jennifer Murray
 Andrew Jajack
 Todd Timney

LOCATION

Cincinnati, Ohio
 DAAPcares 2019



WE CREATE COMMUNITIES, COMMUNITIES CREATE US

Afghan Refugee Camp in Sabashahr in Iran
After the war in Afghanistan in 2001, Sabashahr became the second home for Afghan refugees in Iran and the most challenging matter for Afghan children refugees is education.

They are deprived from having a school with minimum equipment. Among them there are some girls who believed that their fathers have right to sexually assault or sell them to others, they do not know the meaning of freedom, and are unfamiliar with the concept of imagination. ARTIZAN project is an initiative to create an educational space as an elementary-middle school with a healthy environment in an abandoned home in Sabashahr.

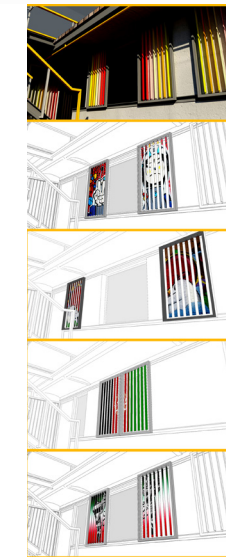
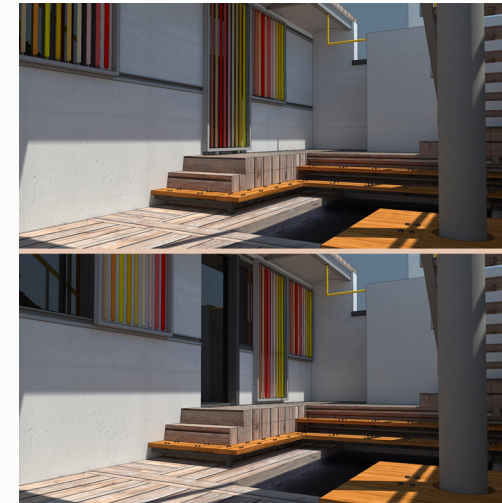
Besides teaching the Afghan children refugees the fundamental of mental and physical well-being through multiple workshops. By designing non-traditional school workshops, we identified some opportunities to enhance their mindfulness and taught them creating hand crafted designs by recycling materials, promoting their sense of imagination in theatrical classes by modern techniques, describing their wishes by writing it down and stick it to the "Wall of Wishes" and tried to helping them to become confident about themselves.

PARTICIPANTS

Motahareh Saleminik
Muhammad Rezazadeh

LOCATION

Sabashahr, Tehran, Iran
DAAPcares 2019





THANK YOU FOR PARTICIPATING IN DAAPCARES 2019!

**PLEASE ENJOY REFRESHMENTS AND SNACKS
WHILE EXPLORING DAAPCARES POSTERS.**

PRESENTERS WILL BE AVAILABLE FOR FOLLOW-UP QUESTIONS.