

DAAP

cares 2023



DAAPcares MISSION

DAAPcares honors and supports the work of DAAP students, faculty, staff, and alumni to improve the quality of life around the world. From local to global, individual to multidisciplinary, and academic to professional - we connect scholarship to solutions. These accomplishments are celebrated annually in a showcase of innovative projects and research that represent our mission to achieve sustainable outcomes with environmental, economic, and cultural equity.



DAAPcares Student Organization

Faculty Advisor: John Dixon

Staff Advisor: Lora Alberto

Graduate Assistant: Darsh Shah

Student Leadership:

President: Katherine Taylor

Treasurer: Ashton Morris

DAAPcares Awards Jury

John Dixon, SOD

Leah Holstein, SOP

Mrinalini Aggarwal, SOA

Pravin Bhiwapurkar, SAID

Cincinnati, Ohio/Cincinnati

Metropolitan Area

- Uearthed
- Hot.Hot.Hot.
- Cincinnati Bombshells: Knitting Community Together
- NarConnect: Human-Centered Interface and System Design for Saving Lives
- Seriously
- NODES St. Lawrence Square
- Development of a Prioritization Model for Greater Cincinnati
- Water Works' Lead Service Line Replacement Program
- Sewing marginal space by mini-forest
- URBAN ESCAPE: a step towards healthier living
- The Plunk Foundation Style Guide
- The Remake Project
- Full Circle Futures: Educating the Next Generation on Circular Design Practice
- Spatial effect of Naloxone Distribution in Opioid Overdose Mortality
- Cincinnati Masonry Activity Center
- CLT Reuse Furniture System
- Periodically: Sustainable Menstrual Supplies
- Sewing Marginal Space by Mini Forest
- Climate Resilient Mobility in Cincinnati: An Action Playbook
- McMicken Community Garden
- Experiential Design: A Certificate Program for Post-Secondary Design Education
- Sustainable and Resilient Morphology
- Alleyvating Over-the-Rhine(OTR)
- EGD Systems for Taft Community Garden, Walnut Hills
- Trash Talk
- Equitable Engineering

Copenhagen, Denmark

- Olafur Eliasson's "Ice Watch"

Northern Syria

- From Temporary to Permanent A Case Study of Refugee Resettlement in Northern Syria

Tbilisi, Georgia

- The Irony of Fate: Tbilisi's Soviet Catalyst

Dhaka, Bangladesh

- Exhibition Design and Curatorial Research

London, England

- Olafur Eliasson's "Ice Watch"

Paris, France

- Olafur Eliasson's "Ice Watch"

Giarre, Italy

- 'Touchdown': Housing for Migrants in Italy

PROJECT LOCATIONS

MCMICKEN COMMUNITY GARDEN (Compassion Award)

SOD

Our garden is part of a network of more than 50 neighborhood gardens, operated under the Civic Garden Center of Cincinnati.

LOCATION: - 2450 W. McMicken Avenue
Cincinnati, OH, USA

PARTICIPANTS

Faculty/Staff/Other: *Maureen France,
Tony Walsh, Mary Singler, David Tunison
& 17 Community Gardeners*

PROJECT DESCRIPTION

We obtained an Urban Agriculture Grant to fund the purchase of an empty lot for a new community garden, next to the Community Garden that was founded in 1996. We applied for and received a grant for start up costs-grading, installation of water line, fencing, materials for raised beds, topsoil and mulch.



CINCINNATI BOMBSHELLS: KNITTING COMMUNITY TOGETHER (Best in School Award)

SOA

| Curating Contemporary Art | ARTH 5015 | 6015 |
Kate Bonansinga | Spring 2023

LOCATION:- Cincinnati, OH, USA

PARTICIPANTS

Student: *Lilly Hinckley, Isadis Alcantara & Azalia Ali*

PROJECT DESCRIPTION

Our focus lies with situating the form of public art known as "yarn bombing" within a local context. Since their inception, a group of fiber artists known as the Cincinnati Bombshells have endeavored to soften the edges of the urban landscape and challenge aesthetic and social norms.

Their recent piece at Washington Park, Cozy Curiosities, conjures feelings of nostalgia and comfort in viewers and simultaneously builds community through practice and highlights unseen aspects of urban life.



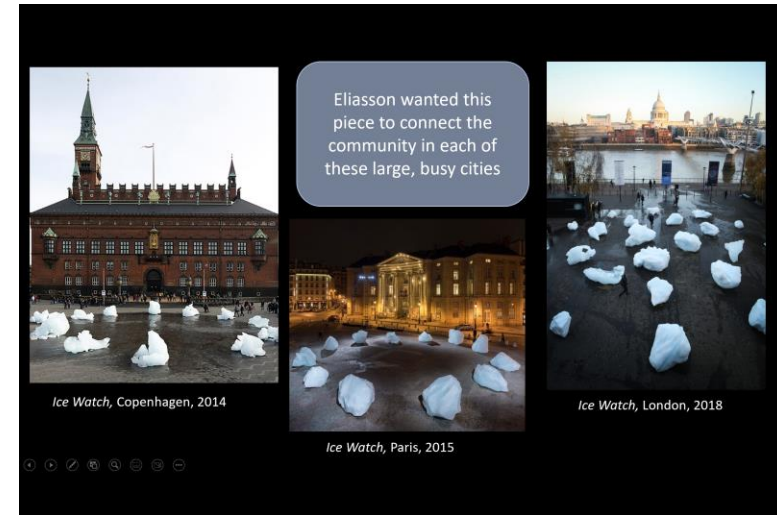
OLAFUR ELIASSON'S "ICE WATCH"

Curating Contemporary Art ARTH5115 | Kate Bonansinga
| Spring 2023

LOCATION: - Paris, France & Copenhagen, Denmark
& London, England

PARTICIPANTS

Student: Riley Haag, Russell McCabe, Moira
Ginley



PROJECT DESCRIPTION

Our project focuses on the art installation "Ice Watch" by Olafur Eliasson. This piece was included large forms of ice in multiple sizes from Greenland. It was displayed in Copenhagen, Paris, and London for the community to interact with and think about the climate change catastrophe that is going on today.



| Senior Capstone | Fashion Design, 5th Year

LOCATION:- Cincinnati, OH, USA

PARTICIPANTS

Student: *Emma Beck*

Agents such as chromium, carcinogens, microplastics, and arsenic are found in rivers surrounding the dyeing factories in Asia. These agents are known to cause cancers including liver, gastrointestinal, and bladder. It is also known that dumping dyes into water bodies decreases the passage of sunlight, increases biochemical and chemical oxygen demand, prevents photosynthesis, and inhibits plant growth.

Most of the chemical filled runoff water is returned to nature as toxic waste, containing dyes and hazardous chemicals. Wastewater disposal is seldom regulated, adhered to, or policed, meaning big brands, and the factory owners themselves are left unaccountable. Post-production water containing residual dye, mordants, chemicals, and micro-fibers is expelled into water streams untreated. This is frequently through pipes untraceable back to source, meaning factories can commit this offense anonymously. These hazardous chemicals do not break down as they enter rivers then oceans, making their way around the world.



The consumer is one that cares about their impact on the earth. By choosing to invest in clothing that was created ethically, they are decreasing their CO2 consumption and not contributing to the fast fashion industry. To start the reverse of the damage done on the earth to date, it's important to start making sustainable consumption choices now. By purchasing clothing that is ethical and doesn't leave a harsh footprint on the earth, consumers are withholding funding from dangerous factories attached to fast fashion. Morally purchased clothing goes far beyond just a purchase.

After natural dyeing, the colors produced fade easily, potentially leading to shorter garment life. These ever-changing hues are arguably part of their beauty. Consumers are understanding this more and more as designers seek to present accurate information about their production process. By putting more money, time, and effort into the clothing you purchase, you are helping the earth breathe easier. While it's easy to purchase an \$8 shirt on a fast-fashion website because it's cheap and accessible, low-cost clothing has a very high price attached to it.

PROJECT DESCRIPTION

Unearthed is an artisanal womenswear collection dedicated to revitalizing traditional, earth-based, and circular practices that will positively affect social change.

My natural dyed designs and prints will be produced at a small scale and will be handcrafted locally, and the dyeing processes used will not contribute to river runoff pollution. Focusing on unifying and reviving these natural dyeing processes will not only pay homage to sustainable practices that are soon to be obsolete, but also replace chemical-filled synthetic dye processes. It will highlight the importance of slow fashion, garments that are crafted with a purpose, and meant to ensure durability and promote social empowerment.



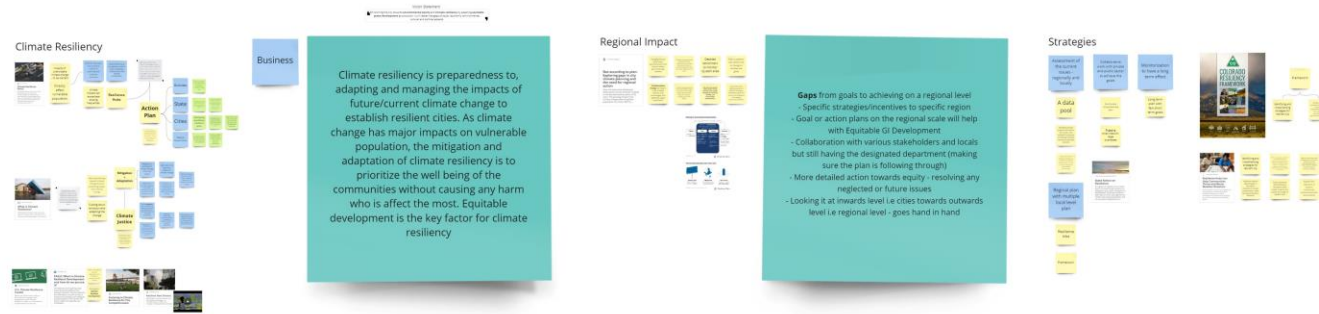
EQUITABLE GREENING

PLAN7009: Master's Project (Capstone) | Shilpa Mehta and Xinhao Wang | Spring 2023

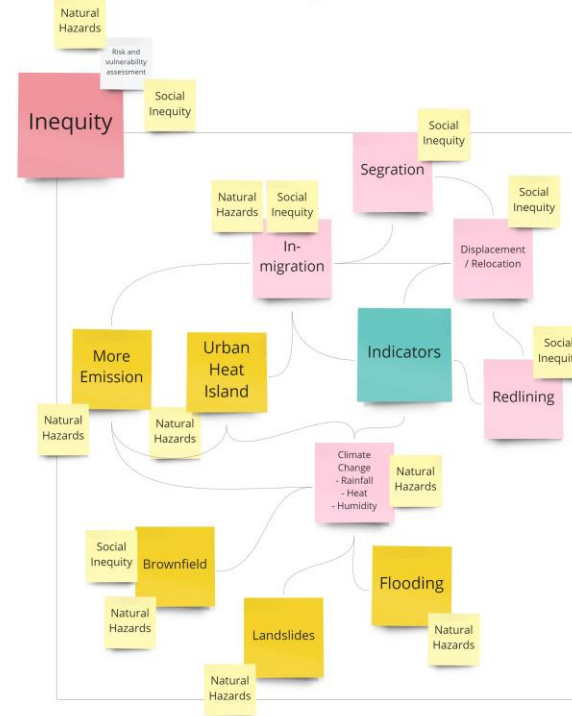
LOCATION: - Cincinnati Metropolitan Region, OH, USA

PARTICIPANTS

Student: Mansee Chauhan



Green Gentrification Vulnerabilities Analysis



Rethinking the Way We Do Green Urbanism



Washington, D.C.'s first elevated public park, the 11th Street Bridge Park, is expected to open by late 2019. Rendering courtesy Building Bridges Across the River.

HOT.HOT.HOT. (Best in School Award)

SAID

| Architecture Studio 4 | ARCH4001 |
Professor Udo Greinacher | Fall 2022

LOCATION:- Cincinnati, OH, USA

PARTICIPANTS

Student: Mea McCormack, Ashley Miller
& Lauren Weiss

PROJECT DESCRIPTION

A revitalization proposal for the West End Neighborhood of Cincinnati that offers an interwoven fabric of welcoming workspaces, food fellowships, and diverse dwelling types to support the residents of the area. The West End becomes pedestrian friendly with the addition of a centralized walking path to promote safety, and accessibility.

Increasing and relocating green spaces to centralized locations provides areas to gather, work, and play, while also reducing the heat island effect. Addressing the southwest winds, the implementation of a green wall facade passively cools the new buildings and provides a visual and sound barrier from I-75.



SERIOUSLY

| Senior Capstone II | FASH 4045 | Phyllis Borcharding & Jennifer Sult | Spring Semester 2023

LOCATION:- Cincinnati, OH, USA

PARTICIPANTS

Student: *Grace Ferrara*

PROJECT DESCRIPTION

"Seriously." is a workwear collection of curated garments for women and people who menstruate to feel comfortable and confident during their menstruation period. On average women [and people who menstruate] spend about 7 years of their lives menstruating.

This translates to 7 years of their lives not feeling their best, most comfortable, or most confident. The goal of this concept is to provide relief and control through silhouettes that support body fluctuation, intentional print, pattern, and color placement, as well as materiality that supports comfort and breathability so the wearer can feel empowered to be their best selves.



Consumer Interviews

I conducted a survey to capture individuals physical, mental, and emotional struggles they face during their menstruation period in relation to apparel.



URBAN ESCAPE: A STEP TOWARDS HEALTHIER LIVING

| LAND 7010 CAPSTONE STUDIO | Professor Barry Kew |
Spring 2023 | Capstone Project |

LOCATION:- Cincinnati, OH, USA

PARTICIPANTS

Student: *Gauri Patil*

PROJECT DESCRIPTION

The urban escape is a project that is focused on today's need of increasing green spaces in urban environments which would be beneficial not only the physical health but also serve a space that would help nurture the mental health of communities living in a fast-paced life of a city.

The project is a great opportunity to contribute to the cities and the community's health. The site will offer a great opportunity to educate the community about the Wasson Way railroad and how this project is benefiting their health. A dedicated space for activity will encourage social activities for people coming together to work out or interact. To finalize, the aim is to provide a model that can be replicated in other urban areas.



Nature to School



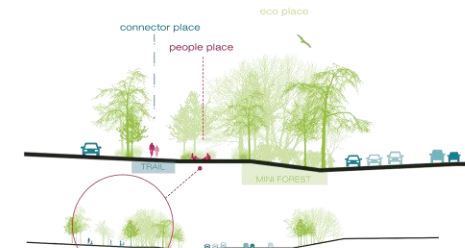
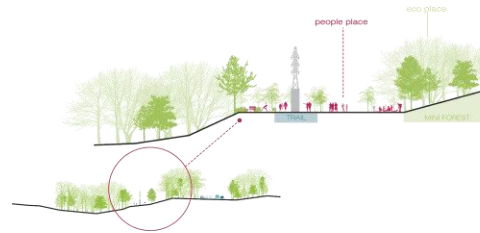
Mini Forest to Highway Pollution



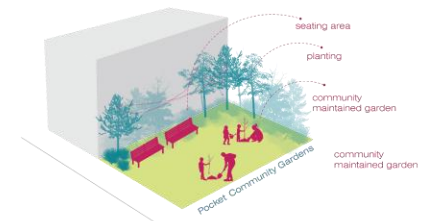
Nature and Feelings



SECTION THROUGH O'BRIEN TERRACE



SECTION THROUGH BRAIL ST.



THE PLUNK FOUNDATION STYLE GUIDE

| DAAPcares student organization | Spring 2023

LOCATION:- Cincinnati, OH, USA

PARTICIPANTS

Students: Katherine Taylor, Darsh Shah, Ashton Morris & Anna Eppihimer

PROJECT DESCRIPTION

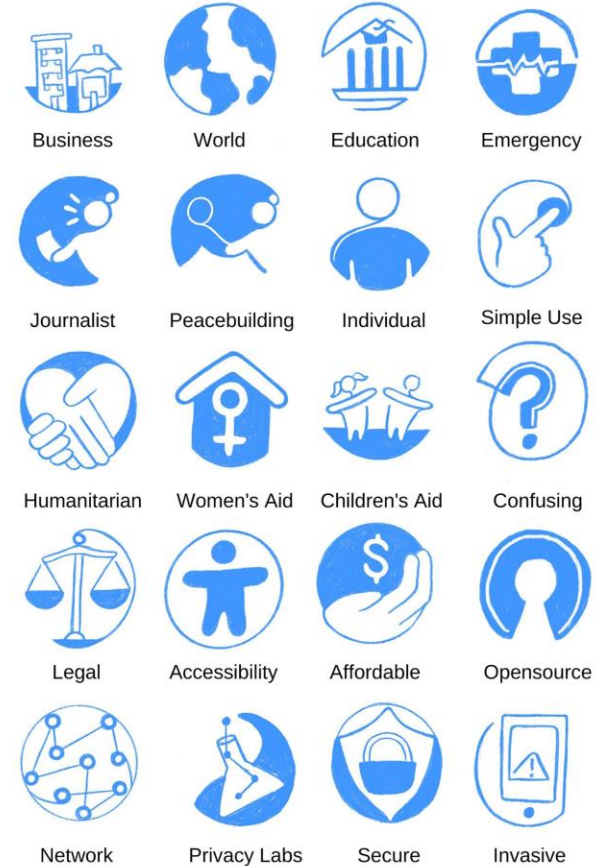
DAAPcares has partnered with The Plunk Foundation, a nonprofit spreading awareness about internet privacy and making privacy-centric technology available to all people. The creation of a style guide will assist The Plunk Foundation in sharing their mission more effectively, and with more people.

Through the redesign of icons and design choices, DAAPcares has aimed to uplift the wonderful work The Plunk Foundation is doing for communities across the world.



SOP, SAID, SOD & INTERDISCIPLINARY

The Plunk Foundation Icons



NARCONNECT: HUMAN-CENTERED INTERFACE AND SYSTEM DESIGN FOR SAVING LIVES (Innovation Award)

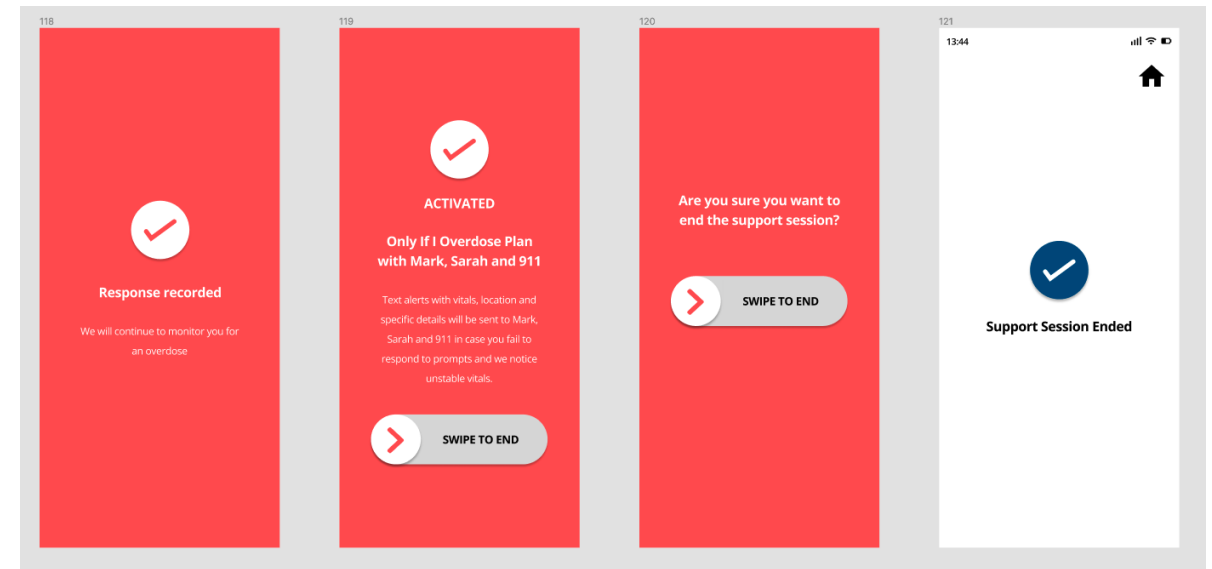
SOD

| Master of Design Thesis |

LOCATION:- Cincinnati, OH, USA

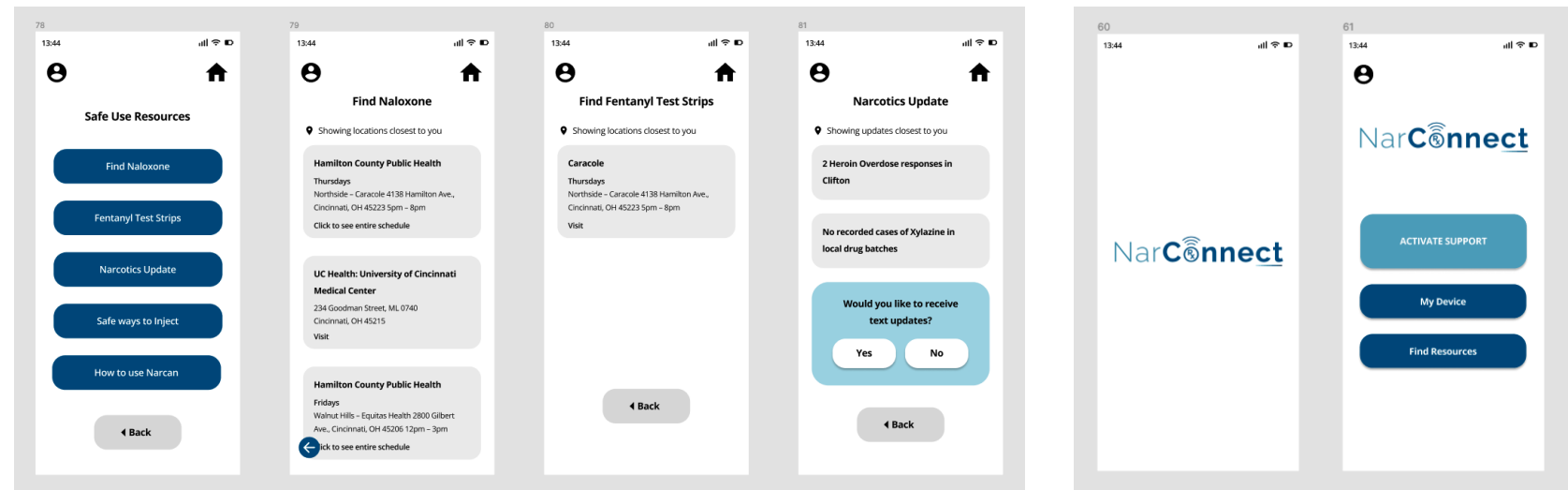
PARTICIPANTS

Student/Faculty/Staff: Cristelle Mathews, Dr. Claudia B. Rebola, Dr. Daniel Arendt



PROJECT DESCRIPTION

NarConnect is a community-based, human-centered interface and systems design developed for saving lives from an opioid overdose.



THE IRONY OF FATE: TBILISI'S SOVIET CATALYST

SAID

| MARCH Thesis Studio | ARCH 8009 | Michael McInturf |
Spring 2023 | Thesis Project

LOCATION:- Tbilisi, Georgia

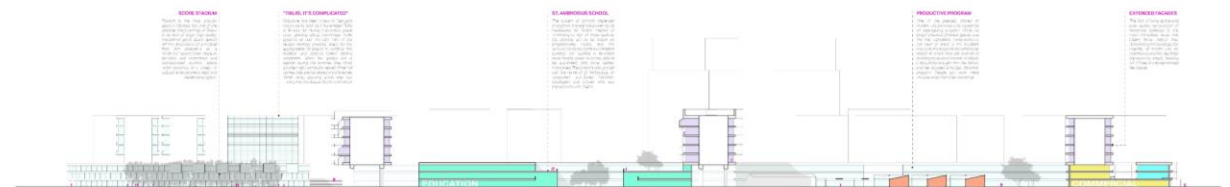
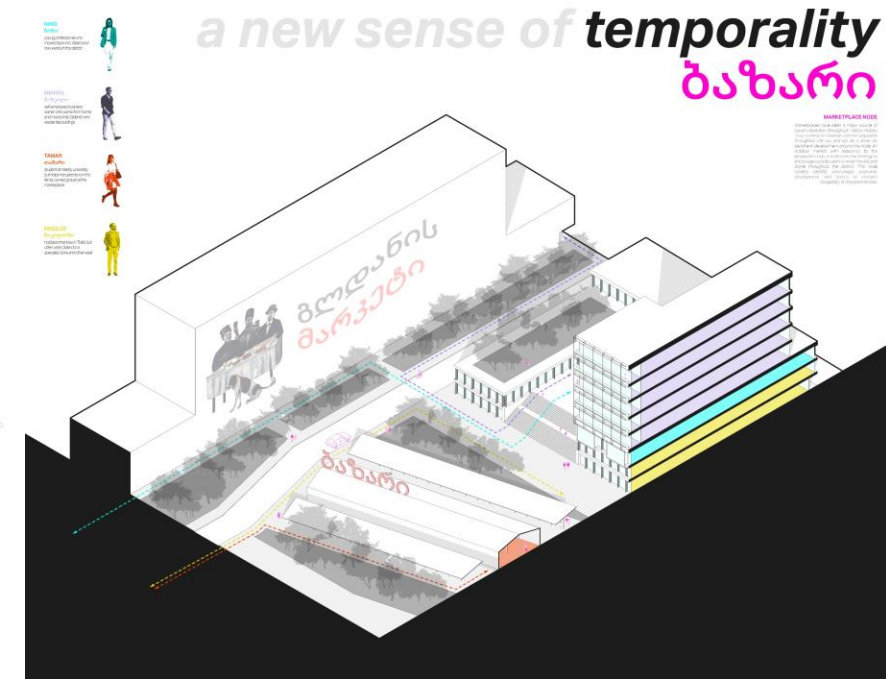
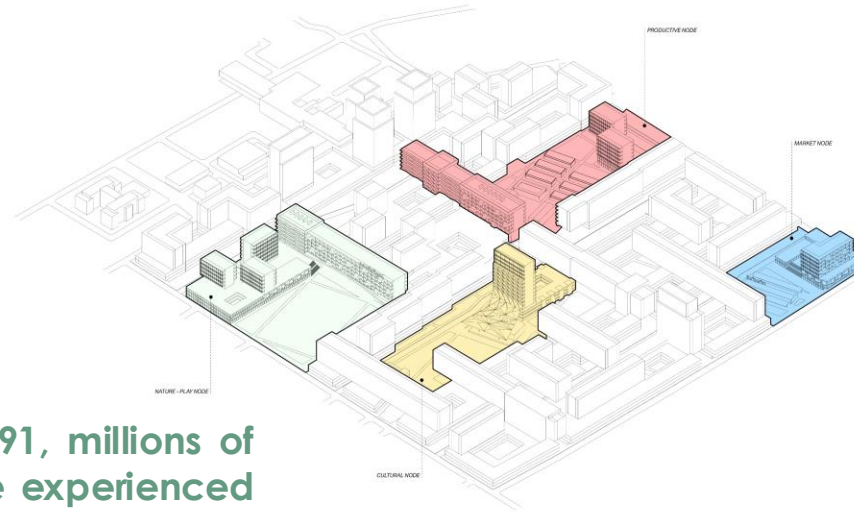
PARTICIPANTS

Student: Steve Almond

PROJECT DESCRIPTION

Since the fall of the Soviet Union in 1991, millions of people from post-Soviet countries have experienced severe degradation in the quality of housing and urban areas. At least half of all post-Soviet populations live in housing that was built during the Soviet period, and every one of these buildings have exceeded their expected life span.

This project investigates urban life in Tbilisi, Georgia and proposes solutions to combat the ever worsening conditions of Soviet housing and planning in the northern periphery of the city. The major goals for this work are to rescale the site, introduce diverse program, and increase navigability of urban fabric.



FULL CIRCLE FUTURES: EDUCATING THE NEXT GENERATION ON CIRCULAR DESIGN PRACTICE

| Master of Design Thesis |

LOCATION:- Cincinnati, OH, USA

PARTICIPANTS

Student: *Shelby Schaffer*

PROJECT DESCRIPTION

The Circular Economy (CE) is a massive system that can provide significant change in the climate emergency we face today, yet its complex inner workings can be difficult to understand. Educating future designers and consumers on the CE is crucial if we want younger generations to move the needle forward on climate justice.

Full Circle Futures explores how we might better prepare Gen Z to partake in the CE and Circular Design (CD) practice through short-form enrichment workshops. This research seeks to understand if an elevated level of content about CD practices can influence young people to become more conscientious future consumers and designers, changing today's reality into a better tomorrow.



Help me design a t-shirt that fits into the Circular Economy

Name: _____ Gender: _____
 Age: _____ Grade Level: _____

*** Directions:** Answer the questions below as best you can. Think about the material that we covered in the lesson today as you answer.

5.) What can we do with this t-shirt when it can't be worn anymore?

1.) Do you have a favorite t-shirt? Circle one.
 Yes No

2.) What makes it your favorite?

3.) How can you make this t-shirt last longer?

4.) What do you do with your t-shirt when you're done with it?

Workshop #2 of 3
 Principle #2 | Circulate Products & Materials

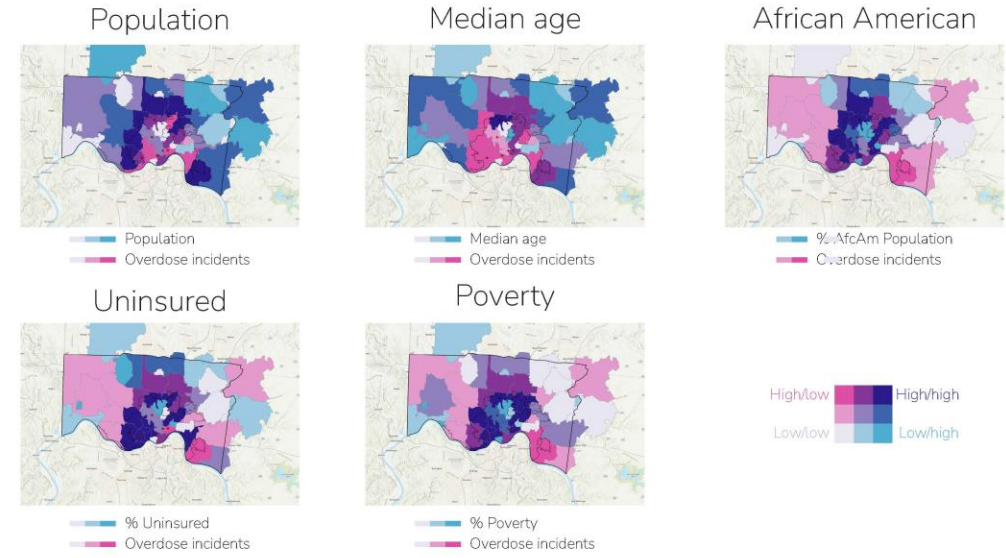
SPATIAL EFFECT OF NALOXONE DISTRIBUTION IN OPIOID OVERDOSE MORTALITY

| Doctoral Dissertation |

LOCATION:- Hamilton County, OH, USA

PARTICIPANTS

Student/Faculty: *Sebastian Ramirez-Loaiza & Claudia B. Rebola*

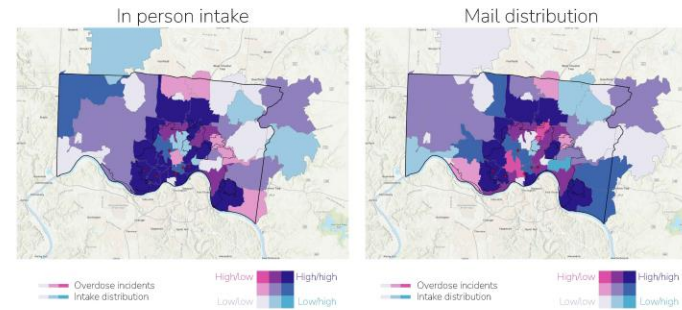


Sebastian Ramirez-Loaiza - Ph.D. Candidate in the College of DAAP

PROJECT DESCRIPTION

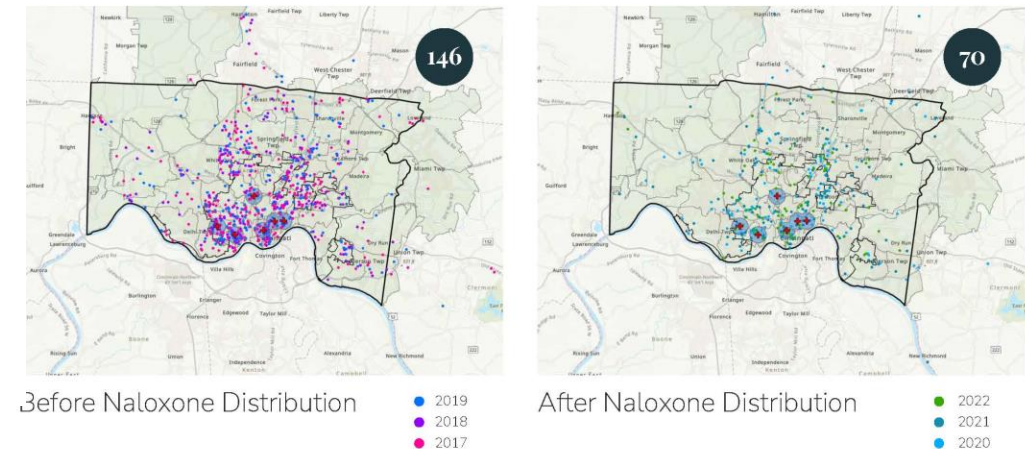
This project wants to analyze if there is a spatial effect in overdose mortality, when there is close proximity of a Naloxone distribution program

Association between deaths and Naloxone distribution by zip code



Sebastian Ramirez-Loaiza - Ph.D. Candidate in the College of DAAP

Difference in mortality after Naloxone distribution programs



Sebastian Ramirez-Loaiza - Ph.D. Candidate in the College of DAAP

CLT REUSE FURNITURE SYSTEM (Sustainability Award)

Product Design Studio 1 | INDL 3042 | John Dixon |
Year 3 Spring

LOCATION:- Cincinnati, OH, USA

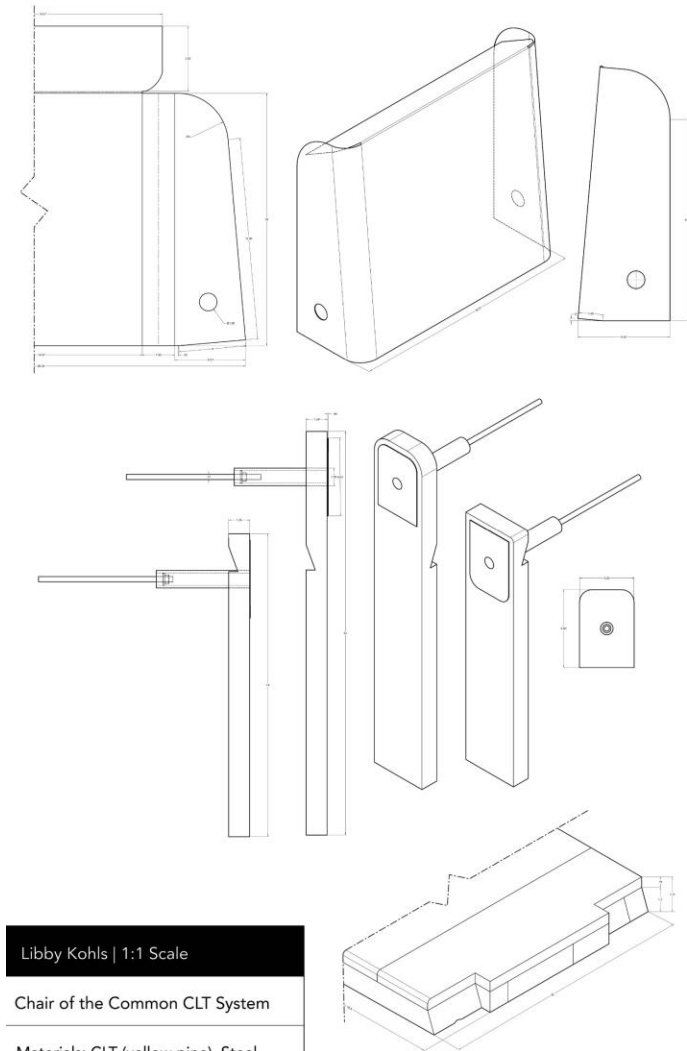
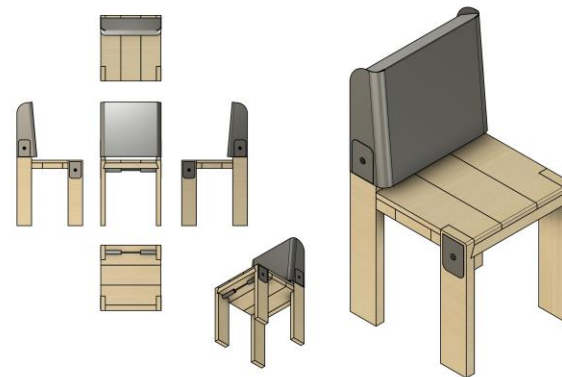
PARTICIPANTS

Students: *Libby Kohls & Kaleb Telepak*
(architecture partner)

PROJECT DESCRIPTION

The goal of my project is to take Cross Laminated Timber cutoffs from construction and architecture and create a system of furniture that utilizes these cutoffs in their design and fits into the design of the buildings built with CLT. This is a collaboration with a senior architecture studio that is utilizing CLT in their designs.

CLT is a way of putting 2x6s together to create a material that acts like concrete but is so much more sustainable because it comes from a renewable source. My system of furniture makes the use of CLT more sustainable by using the cutoffs that have to exist to have doorways and places for windows in a building. For my studio project I will be designing this furniture system and creating a chair in this system.



Libby Kohls | 1:1 Scale

Chair of the Common CLT System

Materials: CLT (yellow pine), Steel

SOD

PERIODICALLY: SUSTAINABLE MENSTRUAL SUPPLIES

SOD

Product Design Studio 1 | INDL 3042 | Brigid O'Kane |
Year 3 Spring

LOCATION: - Cincinnati, OH, USA

PARTICIPANTS

Student: V. Grace Kays

PROJECT DESCRIPTION

Periodically is a sustainable menstrual supplies subscription box service. The products allow users to customize their menstrual experience and cut down on waste in our landfills and water systems.



Education

What would you like to learn about?

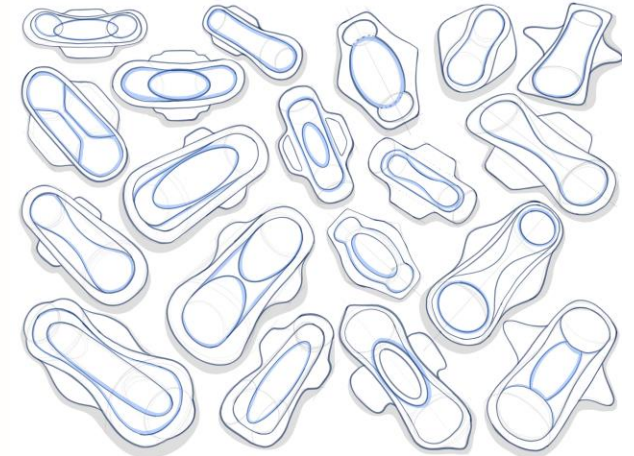
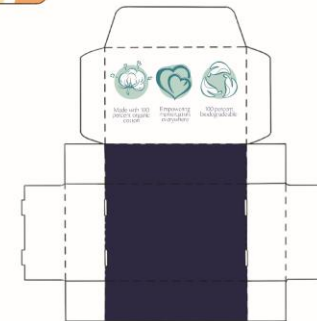
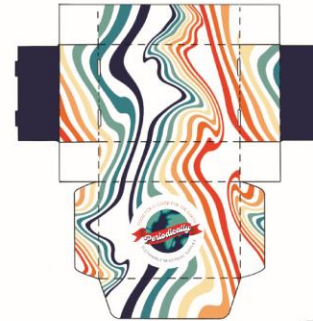
How the Earth has been affected by mainstream period products	First time? What is a tampon and how do you use one???	Power to the period!	Products we recommend

[See More >](#)

[See More >](#)

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[See More >](#)



SEWING MARGINAL SPACE BY MINI FOREST

LAND 7010 CAPSTONE STUDIO | Professor Barry Kew |
Spring 2023

LOCATION:- Cincinnati, OH, USA

PARTICIPANTS

Student: XU CAO

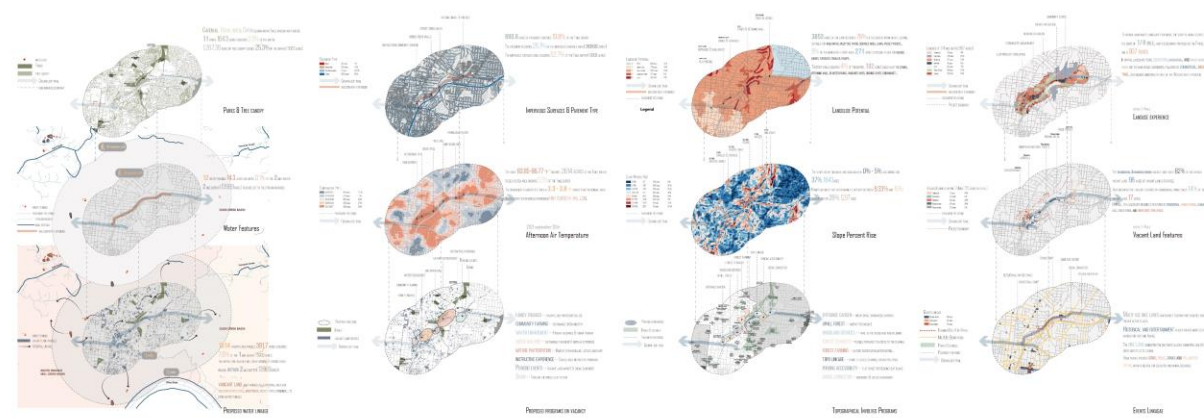
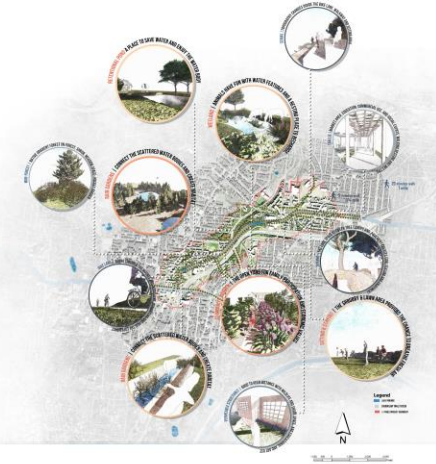
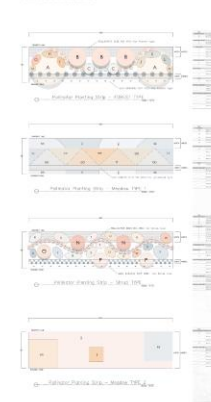
PROJECT DESCRIPTION

Cincinnati Wasson Way Corridor is a planned urban trail expected to connect various entertainment and green facilities in the city. It is one of the components of the Crown trail system. Through the design of multi-use paths, it connects the Cincinnati Downtown area, aiming to awaken the city's vitality, renew old urban facilities, and enable people to live in a more natural and healthier environment.

We can find significant urban environmental problems when zooming in on the Wasson way corridor. Green spaces are scattered sporadically on both sides of the Corridor; The proportion of urban impermeable pavement is up to 50%; The intensification of the urban heat island effect occurs in the vicinity of Crown Corridor; The disconnected waters of the site lead to habitat fragmentation, reducing the living space of organisms and resources for food access. Therefore, the mini-forest approach is designed to protect and beautify the living space by searching for the ecological marginal space.



WASSON WAY EXPANSION CORRIDOR



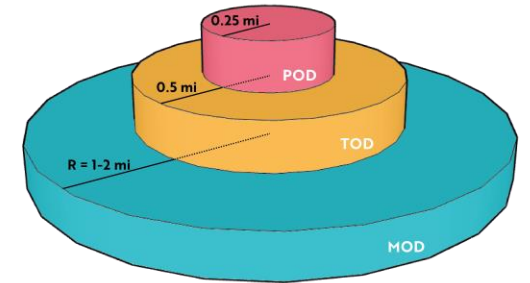
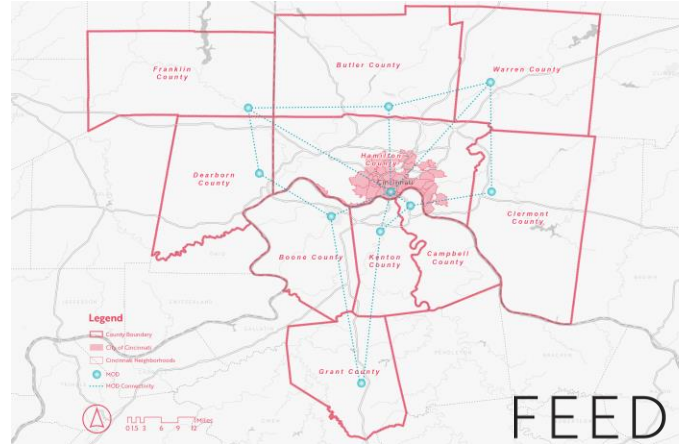
CLIMATE RESILIENT MOBILITY IN CINCINNATI: AN ACTION PLAYBOOK

PLAN7009: Master's Project (Capstone) | Shilpa Mehta and Xinhao Wang | Spring 2023

LOCATION:- Cincinnati Metropolitan Region, OH, USA

PARTICIPANTS

Student: *Anna Mueller*

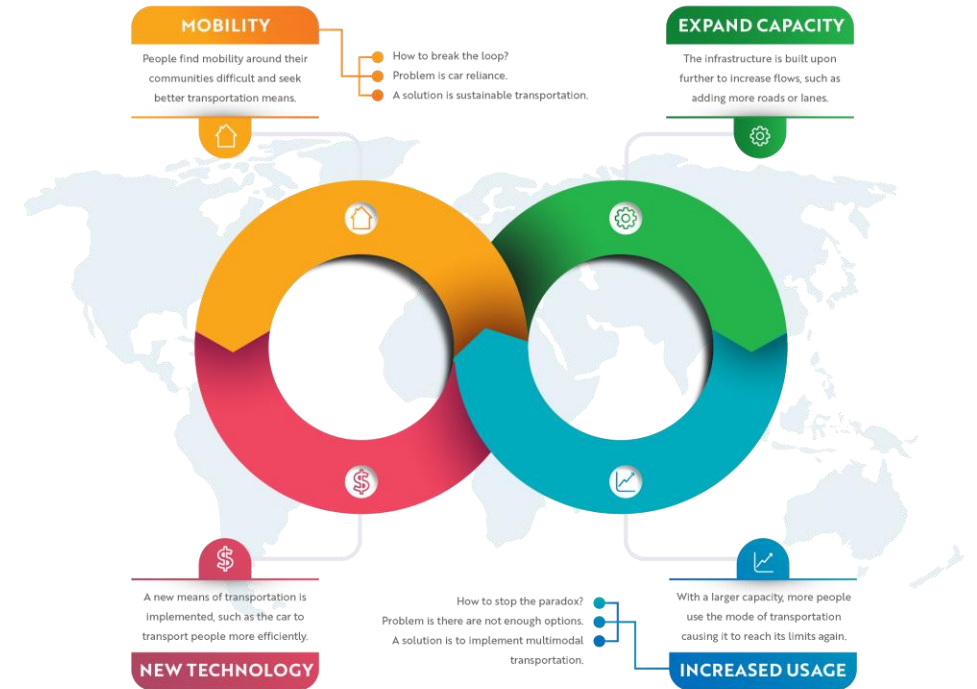


FEEDBACK LOOP

PROJECT DESCRIPTION

This project talks about the rising climate change and in-migration problems happening in Cincinnati and surrounding 10 county region. One way to combat the negative effects that will come with these issues is to decrease car-dependence and increase multimodal transportation capacity and networks.

Mobility-oriented districts are overlay districts that can provide areas focused on integrated public transit and can help alleviate the problem of car-oriented development. I will go into playbook actionable strategies and designs to further explain and inform.



NODES ST. LAWRENCE SQUARE (Best in Interdisciplinary)

SAID, SOD &
INTERDISCIPLINARY

| Community engagement project |

LOCATION:- East Price Hill, Cincinnati, OH, USA

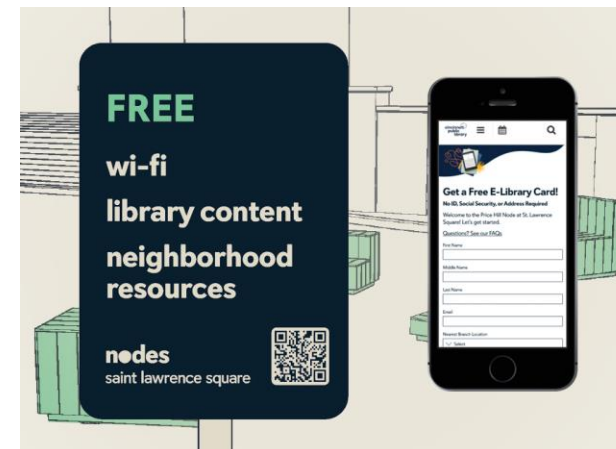
PARTICIPANTS

Faculty/Staff: PI's Anca Matyiku, D.J. Trischler, Dr. Claudia B. Rebola, Vikas Mehta, Ming Tang

PROJECT DESCRIPTION

NODES St. Lawrence Square in East Price Hill is a community engagement project rooted in an interdisciplinary collaboration between the University of Cincinnati, Cincinnati & Hamilton County Public Library, and community development corporation Price Hill Will. The DAAP team has joined their expertise in healthy cities, visual identity, communications, and public space design to create a welcoming, wi-fi-connected, outdoor living room at St. Lawrence Square.

The St. Lawrence Square NODES is part of a bigger initiative to extend digital library resources into underserved communities with the ambition to reach beyond the library's walls, activate public spaces, and bridge the digital divide in Hamilton County, Ohio.



EXPERIENTIAL DESIGN: A CERTIFICATE PROGRAM FOR POST-SECONDARY DESIGN EDUCATION

| Thesis |

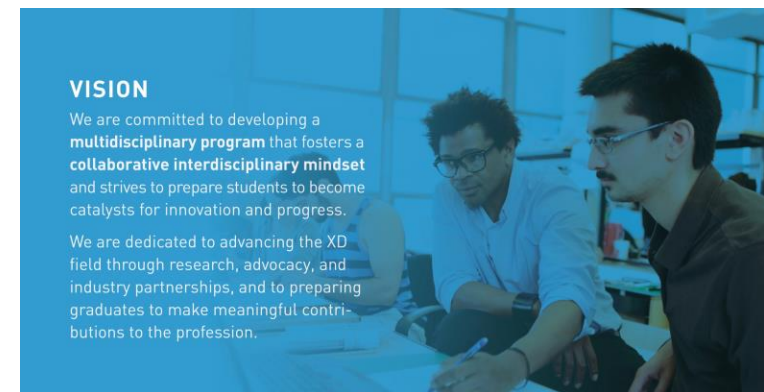
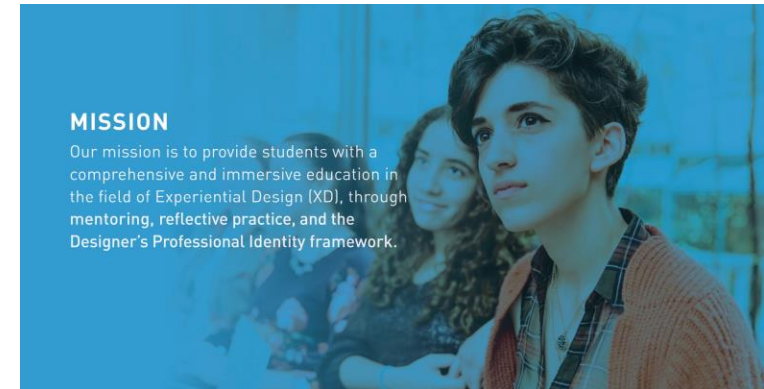
LOCATION: - Cincinnati Metropolitan Region, OH, USA

PARTICIPANTS

Student: *Loran Sanvido*

PROJECT DESCRIPTION

An Experiential Design (EXD) certificate program is designed for the post-secondary level to meet the skills, knowledge, and personal attributes needed of an entry-level position. The program incorporates SEGD's Core Competencies and three components — mentoring, reflective practice, and the Designer's Professional Identity framework — into six courses. The program is designed for any undergraduate or graduate-level student to foster a multidisciplinary setting with the goal of developing an interdisciplinary mindset.



SUSTAINABLE AND RESILIENT MORPHOLOGY

SOP

PLAN7009: Master's Project (Capstone) | Shilpa Mehta and Xinhao Wang | Spring 2023

LOCATION:- Cincinnati Metropolitan Region, OH, USA

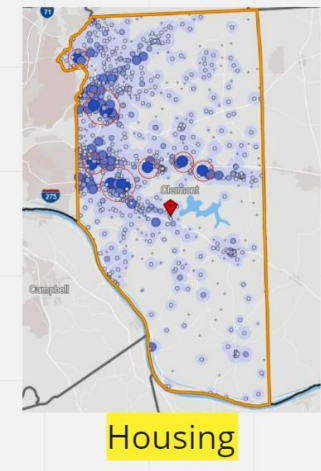
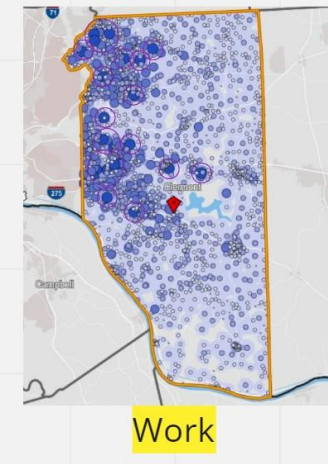
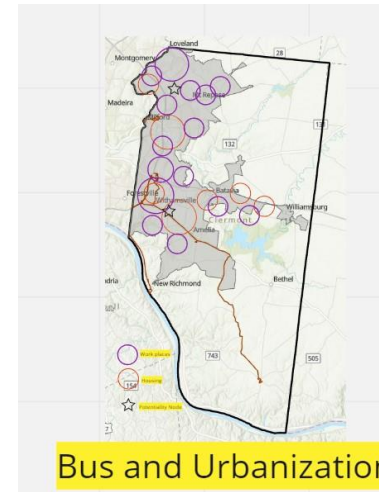
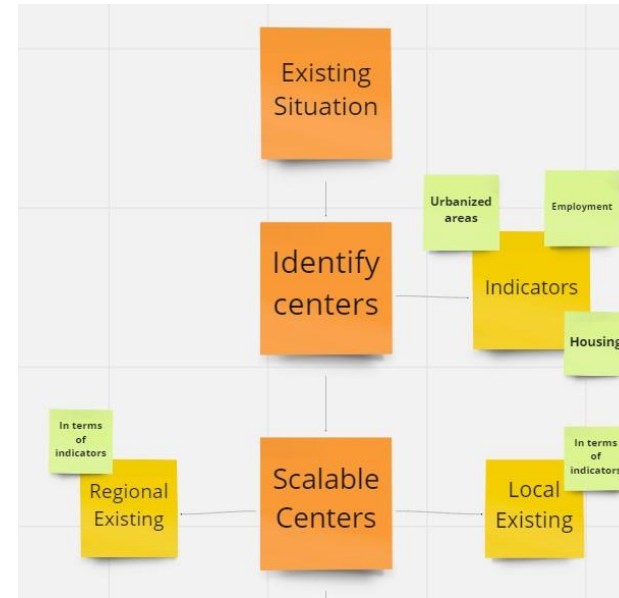
PARTICIPANTS

Student: *Darsh Shah*

PROJECT DESCRIPTION

The project initially talks about how climate change is going to change things in the world, and one of the biggest outcomes of that is climate change. The study area here is the OKI 10 county region. The project focuses on how in-migration will affect the existing condition.

One of the approaches is to segregate people/migration in such a way that not 1 region/area/city is crowded and resulting in negative environmental effects. Hence, the application of the "live where you work and 15-minute city concepts is done so the area at the local and regional level is sustainable enough, which will add positive effects and decrease harm to the environment.



THE REMAKE PROJECT (Best in School Award)

| Senior Capstone | Industrial Design |
Class of 2023 (5th Year)

LOCATION:- Cincinnati, OH, USA

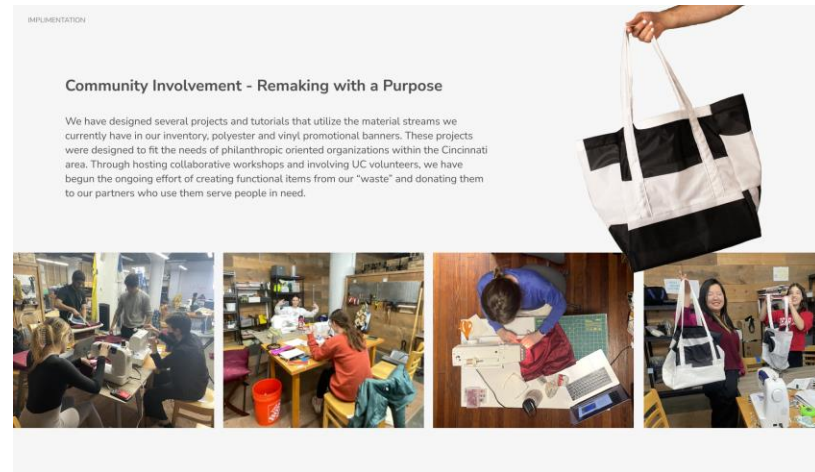
PARTICIPANTS

Students: *Caroline Bussick and Iset Celik*

PROJECT DESCRIPTION

The Remake Project proposes a more collaborative approach to waste management through identifying and connecting community needs, reducing waste, and encouraging a circular economy. By forging partnerships with local businesses looking for more sustainable options to waste management, we source their bulk and consistent streams of “waste” that have potential for a new life when viewed as materials.

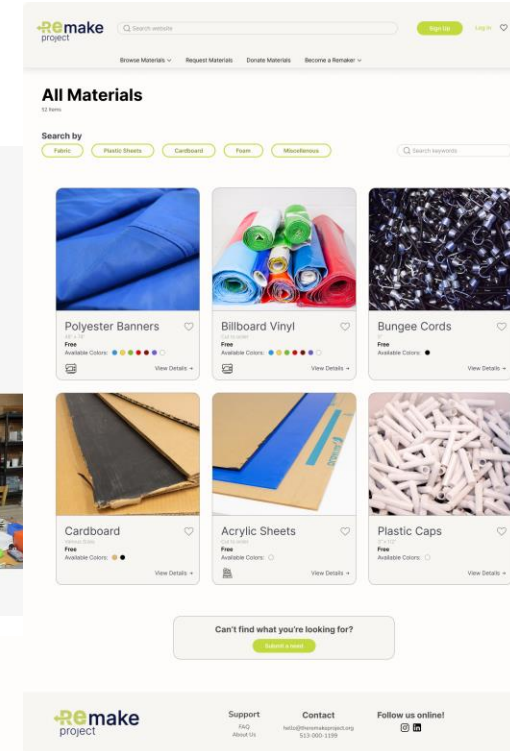
We redirect these materials through our online platform to those in our community who see their value as a resource and can creatively reuse them. To increase community engagement, we host project based workshops focused on creating functional items out of our “waste” material that can be donated to our philanthropic partners who use them to serve our community's needs.



System Map



SOD



EXHIBITION DESIGN AND CURATORIAL RESEARCH

SOD &
INTERDISCIPLINARY

| Dhaka Art Summit 2023 in Dhaka, Bangladesh |

LOCATION:- Dhaka, Bangladesh

PARTICIPANTS

Faculty/Staff: *Muhammad Rahman*

PROJECT DESCRIPTION

দ্বৈধ "Dyoidho—a duality", an exhibition co-curated by Artist Bishwajit Goswami, with research support from Muhammad Nafisur Rahman, Assistant Professor, School of Design, College of DAAP, University of Cincinnati, co-produced by Brihatta Art Foundation and Samdani Art Foundation for Dhaka Art Summit(DAS) 2023, Bangladesh. দ্বৈধ (Dyoidho) evokes the idea of artifice, where things are not as they seem and artists, architects, designers, photographers and researchers come together in collaboration to set the stage for this discourse.



TRASH TALKS

| Fall 2022 | CODE 3010 | Design Methodology 1 |
Professor: Muhammad Rahman | CODE/SOD

LOCATION: - College of DAAP, UC, Cincinnati, OH

PARTICIPANTS

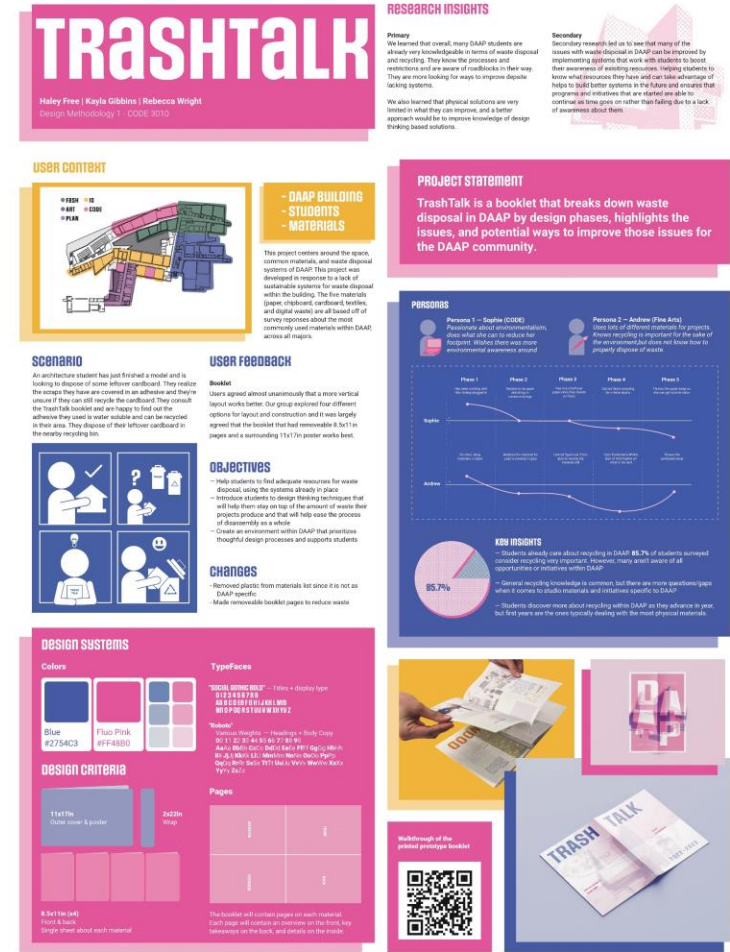
Student/Faculty/Staff: Haley Free, Kayla Gibbins & Rebecca Wright

PROJECT DESCRIPTION

TrashTalk is a booklet that breaks down waste disposal in DAAP by design phases, highlights the issues, and potential ways to improve those issues for the DAAP community. We learned that overall, many DAAP students are already very knowledgeable in terms of waste disposal and recycling. They know the processes and restrictions and are aware of roadblocks in their way. They are more looking for ways to improve despite lacking systems.

We also learned that physical solutions are very limited in what they can improve, and a better approach would be to improve knowledge of design thinking based solutions. Secondary research led us to see that many of the issues with waste disposal in DAAP can be improved by implementing systems that work with students to boost their awareness of existing resources. Helping students to know what resources they have and can take advantage of helps to build better systems in the future and ensures that programs and initiatives that are started are able to continue as time goes on rather than failing due to a lack of awareness about them.

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EGD SYSTEMS FOR TAFT COMMUNITY GARDEN, WALNUT HILLS

SOD

| Fall 2022 | CODE 3010 | Design Methodology 1 |
Professor: Muhammad Rahman | CODE/SOD

LOCATION: - Taft Community Garden, Walnut Hills, Cincinnati, OH

PARTICIPANTS

Student/Faculty/Staff: Halle Dieterich, Nora Figueras & Annie Nall

PROJECT DESCRIPTION

Taft Garden is a branding and EGD project that will help inform the residents of Walnut Hills of the presence of the Taft Community Garden, a healthy food resource.



Secondary Research

Walnut Hills Neighborhood

Access to Grocery Store within 1/4 mile

Poverty Rate

Walnut Hills is one of the many food deserts in the Cincinnati area.

With the closing of multiple grocery stores in Cincinnati neighborhoods, many areas have become food deserts. While there are a variety of resources available to people experiencing food insecurity, they don't always know about the resources available to them. One of these resources is the Taft Community Garden, available to the residents of Walnut Hills.

Primary Research

Interview with Joan Callahan
Director of St. George food pantry

- The food pantry only serves a few of the groceries in the area. People from Walnut Hills and other Food Deserts don't have access to this pantry and it is one of the best because it is a choice pantry.
- When unfamiliar and often healthier items come in, clients are not very inclined to try them because they aren't sure how to prepare those new ingredients.

Interview with Gary Dangel
Food Access Coordinator for Walnut Hills Redevelopment Foundation

- The Taft Garden is an open-harvest garden, meaning it is available to the community to work in and harvest from at any time.
- The intention of the garden was to combat food insecurity and build the community up, but not many residents know about it.
- There is a lack of signage and information to draw people into the garden and encourage its use.
- People who visit the garden want to eat healthy, but don't always know how to include the produce in their cooking.

Insights

Resource Knowledge

There is a lack of knowledge of the resources available to people who are experiencing food insecurity.

Convenience

Residents desire to cook healthier meals for their families but lack healthy options because they are often out of their convenience.

Healthy Options

People who receive food from alternative resources avoid healthy options because they are unsure how to prepare the food.

Our Role

How can we inform Walnut Hills residents about the Taft Garden?

Through external signage, we hope to bring attention to the garden as people pass by.

How can we convey the convenience and openness of the garden?

We hope that informational signage will make the garden more approachable, inspiring new users.

How can we make fresh produce of the garden convenient to use?

By providing quick, easy recipes in the beds, we hope to encourage residents to try new healthy foods.

Journey Maps

Fran

Fran visits the neighborhood near to the garden. She has gardening experience but she does not have a job in the neighborhood where she lives.

George

George lives in the affordable housing nearby. He used to visit frequently but has lost the habit of visiting meals in an area. He has never been there to see the garden he is visiting.

Kendal

Kendal goes to friends' houses frequently and they have plants from her school. They pass by the garden weekly and make conversations but never taking healthier meals out of her kitchen.

Contextual Signage Map

- External Taft Garden Sign**
This sign includes garden's name and identifies that the garden is open to the community for free harvesting.
- Plant Identification & Recipe Cards**
The cards are laminated paper on wooden stakes. They identify the plants in the beds and offer recipe ideas.
- Internal Message Board Sign**
Under the canopy, this sign contains rules, and general information about the garden and can be changed out.
- Harvesting Bags & Bag Station**
Like a dog bag station, this will contain the information to only take what you need and have bags for harvesting.
- External Sidewalk Pathway Graphics**
These "directional" graphics will be on the sidewalk leading from the affordable housing to the garden.

Initial Prototype & Evaluation

Layout One → Layout Two → Layout Three → Final Layout

Final Plan + Prototype

"Growing the Garden" is an EGD project that informs Walnut Hills residents of the community garden, of ways to use the ingredients grown in the garden, and other information such as harvesting and gardening tips.

The project helps bring attention and awareness to the garden and will encourage community members to get involved. This project helps fight food insecurity by raising awareness of a healthy food resource available to the community of Walnut Hills.

Poppins

Medium | Bold | Extrabold

AaBcCbDfEeFgHiIjKkLlMmNnOoPpQqRrStTtUuVvWwXxYyZz

PRIMARY COLORS	SECONDARY COLORS	CATEGORIES
Green	Orange	Vegetable
Blue	Red	Fruit
Yellow	Purple	Flower/Herb/Spice
Grey	Light Blue	Healthy/Life
White	Light Green	Water

Plant Identification & Recipe Cards

External Taft Garden Signage

Internal Message Board Sign

Harvesting Bag Station

External Sidewalk Pathway Graphics

DEVELOPMENT OF A PRIORITIZATION MODEL FOR GREATER CINCINNATI WATER WORKS' LEAD SERVICE LINE REPLACEMENT PROGRAM

(Best in School and Diversity, Equity & Inclusion Award)

Thesis | co-op | other (Graduate Assistantship)

LOCATION:- Cincinnati, OH, USA

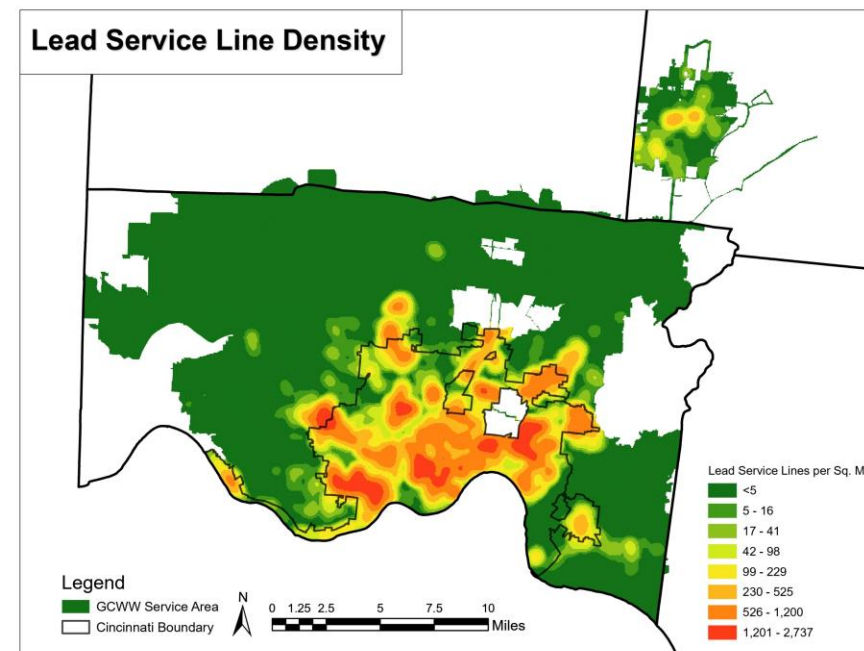
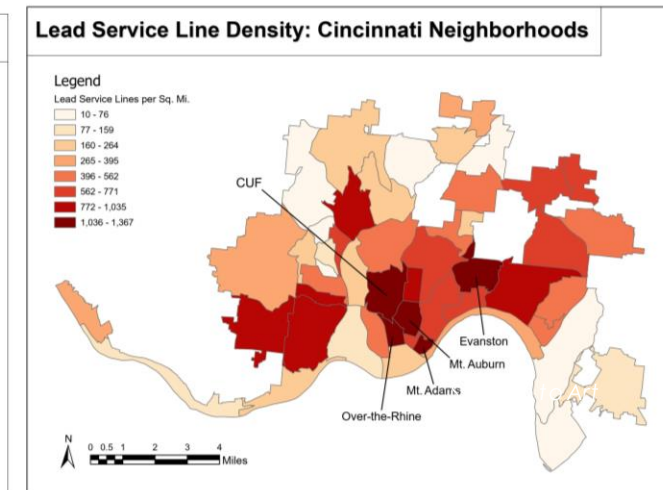
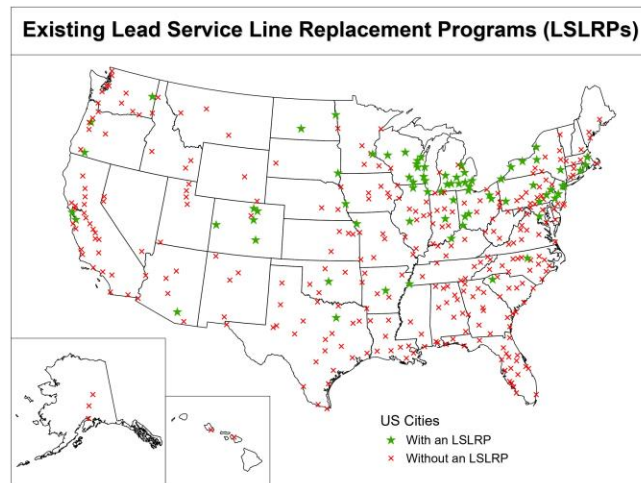
PARTICIPANTS

Student/Faculty/Staff: *Xavier Yozwiak, Max Linder, Dr. Xinhao Wang & Dr. Christopher Auffrey.*

PROJECT DESCRIPTION

USEPA's 2021 Lead and Copper Rule revision mandates water utilities to create lead service line (LSL) inventories and LSL replacement programs (LSLRP) that prioritize disadvantaged populations and the populations that are most sensitive to lead poisoning. Graduate students and faculty from DAAP's School of Planning are developing a socio-spatial model using geographic information systems (GIS) and an Analytic Hierarchy Process (AHP) to aid Greater Cincinnati Water Works (GCWW) to prioritize the replacement of 39,000 LSLs over 15 years.

In the past year, the research team has determined which site-specific and small-area physical and demographic characteristics to use to prioritize populations that are most vulnerable to water-borne lead and to direct cost- and time-effective resource use. The development of the GCWW LSLRP is ongoing and will allow the LSLRP to be updated annually to reflect LSL replacement progress or to accommodate future changes of criteria or service area characteristics.



LIST OF WINNERS

Name of Project	Name of Award
Cincinnati Bombshells: Knitting Community Together	Best in School SOA
The Remake Project	Best in School SOD
Development of a Prioritization Model for Greater Cincinnati Water Works' Lead Service Line Replacement Program	Best in School SOP
Hot.Hot.Hot.	Best in School SAID
Nodes St. Lawrence Square	Best in Interdisciplinary
Development of a Prioritization Model for Greater Cincinnati Water Works' Lead Service Line Replacement Program	Diversity, Equity & Inclusion
CLT Refuse Furniture System	Sustainability
2023 McMicken Community Garden	Compassion
NarConnect: Human-Centered Interface and System Design for Saving Lives	Innovation
From Temporary to Permanent A Case Study of Refugee Resettlement in Northern Syria	Scholarship