

A Year in Perspective

Curator: Cicek Karatas, PhD Student 4 PhD Program Administrative Assistant Illinois Institute of Technology

In the dynamic landscape of the 2023-24 academic year, our In the dynamic landscape of the 2023-24 academic year, or PhD program undergoes a transformative evolution, break-ing free from the constraints of past lockdowns to usher in a vibrant era of face-to-face interactions. These tangible connections, fundamental to our learning and collaborative ethos, have become non-negotiable components of our academic journey.

Amidst the relentless march of technological progress Amust the refentless march of technological progress, with Al and virtual realms gaining prominence, we anchor our academic pursuits in the tangible, physical world. Our focus extends beyond the confines of Chicago, reaching into the enchanting tapestry of the Midwest landscape, where architectural wonders await exploration.

This year assumes heightened significance with the wel-comed addition of distinguished visiting scholars:

Junko Taguchi: An architect and pedagogist specializing in advocacy, public dialogue, and youth education in the built environment. Trained in architecture preservation and education projects in Japan, she brings practical expertise to

Davide Galleri: An architect and PhD student researche Davide Galleri, Ari arunteet and rind student researched focusing on architectural preservation, Galleri's dissertation examines preservation approaches to modern Chicago's heritage by renowned architects, comparing them with Italian conservation theory and practice.

Marta Silveira Peixoto: A full professor with a PhD in History and Theory of Architecture. Her expertise in Design and History of Architecture, along with her international involvement in committees like DOCOMOMO International and ICOMOS Brasil, enriches our academic milieu.

As our community enlarged, we collectively crafted incred-As our community enlarged, we collectively crafted incredible memories and forged academic developments, uniting as one big whole community. This unique year has offered us the opportunity to experience a wonderful academic, friendly and cultural exchange, naturally elevating our research endeavors. The richness of this communal experience enhances the significance of our academic pursuits, making this year truly exceptional.

ACADEMIC PROGRAMMING HIGHLIGHTS

FALL 2023

Chicago Stories: Multidisciplinary Conversations About Chicago Curated by Dr. Michelangelo Sabatino and Çiçek Karataş

Curated by Dr. Michelangelo Sabatino and Ciçaek Karataş

— August 24 "Welcome Back & Introductory Lecture
by Our Visitting Scholar Junko Taguchi"

Junko Taguchi, a practical and research-based architecture
pedagogist, is dedicated to advocaç, public dialogue, and
youth education in the built environment. Trained in architecture preservation and education projects during and after
her PhD at the University of Tokyo, she made significant
contributions, including developing a year round education
program for children in architect Toyo Ito's NPO.

2 - August 31 - DOUBLE FEATURE

2 — August 31 — DOUBLE FEAT UNE

"Welcome Back & Introductory Lecture by Our Visiting
Scholar Davide Galleri"

Davide Galleri is an architect and a PhD student researcher
in the field of architectural preservation. His PhD dissertation is about investigating the preservation approaches to
modern Chicago's heritage by Louis Sullivan, Frank Lloyd
Wright, and Ludwij Miles van der Rohe in a comparing view
with Italian conservation theory and practice.

"Research Residency Program Insights"

"Research Residency Program Insights"
Alejandro Sadaña Perales (IPD Candidate), 2023 Doctoral
Research Residency Program at the Canadian Centre for
Architecture, as he shares insights from his CCA experiences and their impact on his studies, focusing on Chicago's
large-scale private developments.

3 — September 7 "Introductory Lecture 'The PhD Dissertation Demystiffied"
Hosted by Dr. Michelangelo Sabatino, Professor, and PhD Program Director at the College of Architecture
Illinois Institute of Technology

4 - September 14 "Mental Health Workshop"

4 — September 14 "Mental Health Workshop" Dr. Ewa Pluciennicka from Pho Success shared strategies on how to deal with stress during a PhD and leverage it as a positive force. PhD Success, a social benefit company, focuses on raising mental health awareness in academic institutions to enhance the well-being, productivity, and overall work-life satisfaction of early career researchers. In the past year, PhD Success has assisted over 5,000 PhD students through online webinars, training sessions, and individual consultations.

5 — September 21 "Introductory Lecture 'PhD
Comprehensive Exam'"
Hosted by Dr. Michelangelo Sabatino, Professor, and PhD
Program Director at the College of Architecture
Illinois Institute of Technology

6 — September 28 "Sustainable Architectural Design, Building Technology, Energy Modeling" Investigate sustainable architectural design, building technology, and energy modeling with Dr. Younglin Hwang, an expert in the field.

7— October 5 "Brazilian Literature, Literary Theory, Gender Theory, Modern Poetry" Marta Silveira Peixoto is an architect (1985) with a PhD in History and Theory of Architecture from PROPAR (2006), History and Theory of Architecture from PROPAR (ZUUD), the Architecture Research and Graduate Program of UFRGS, Universidade Federal do Rio Grande do Sul, Brazil. Today, she is a full professor at the Department of Architecture and at PROPAR_UFRGS, where she teaches Design and History of Architecture.

8 - October 12 "Towards Biohybrid Design: Future

8 — October 12 "Towards Biohybrid Design: Future Hospitals, Landscapes of Care, and Community Health' Marya Demetra Kanakis, an architectural associate, editor, and researcher based in Chicago, was among the inaugural graduates of the Master of Design Studies in Ecology Program at Harvard University GSD. Her academic pourney, soanning both undergraduate and graduate studies, involve a critical explication of urban ecologies as a coexistence between humans and machines, Her work revealed new representations of nature through the lens of technology.

representations of nature through the lens of technology,
9 — October 19 "Exploring the Impact of Spaces in
Universities, Labs, and Hospitals on Expertise"
We welcomed losseph A. Renow, an Assistant Teaching
Professor at IIT, whose research delves into the intersections
of society, culture, and expertise. His focus lies in understanding how scientists, engineers, and physicians navigate
their roles as experts, Renow's work often explores the
environments where experts operate, including universities,
alass, and hospitals, investigating the dynamics within these
spaces and their contributions to the cultivation of expertise,

10 – October 26 "Introductory Lecture 'PhD Comprehensive Exam'"

Comprehensive Exam"
Hosted by Dr. Michelangelo Sabatino, Professor, and PhD
Program Director at the College of Architecture
Illinois Institute of Technology

""

"The November 4 "Free Discussion Week"
Professor Michelangelo Sabatino, the Director of the PhD
Program at the IIT College of Architecture, hosts a session
where PhD students collaborate, share perspectives on
academic journeys, and discuss milestones like qualifying
and comprehensive exams. This meeting aims to leverage
diverse viewpoints and provide mutual support among PhD
students.

12 - November 9 "Special Feature: 'Pioneers of the

12 — November 9 "Special Feature: 'Pioneers of the Dutch Modern House"
We screened a special documentary by Natascha Drabbe, the Executive Director and Founder of the Iconic Houses Network, Natascha, with an architectural history degree from Utrecht University. The Netherlands, and a background in publishing and curation, set up the Mart van Schijndel Foundation in 2007. This foundation aimed to preserve the ideas of architect Mart van Schijndel and make his private house in Utrecht available for cultural activities. The initiative eventually led to the founding of the Iconic Houses Foundation in 2012, dedicated to sharing the legach of architecturally significant houses from the 20th century.

13 - November 18 Thanksgiving Week (no classes)

14 - December 2 "PhD Comprehensive Exam" In these last two weeks, our esteemed PhD students — Abdulmalik, Ahmed, Çiçek, and Sasha — were focused on their qualifying exams. We extend our heartfelt best wishes to them for success in their exams.

In Between: Architecture and Development of the Urban Lands

ACADEMIC PROGRAMMING HIGHLIGHTS

DAVIDE GALLERI



[ASP] Why did you pursue a Fulbright Scholarship?

[ASP] Why did you pursue a Fulbright Scholarship? [DG] I decided to pursue a Fulbright Scholarship as soon as I started my PhD research and had clear what my topic was, My study is a critical interpretation of the most relevant restorations of Frank Lloyd Whight's works in the US under an Italian perspective. Since Fulbright's mission its otstengthen bonds between the US and each naich to to strengthen bonds between the US and each naich position, being my research a clear comparative work. I had already won two national competitions in the field of architecture in Italy and this proved to be envidedintal for carbitecture in Italy and this proved to be envidedintal for had already won two national competitions in the field of architecture in Italy and this proved to be providential for the success of my application. Fulbright has been a paramount improvement for my research, giving me a highly recognized research status in the many appointments with respected scholars in Chicago and in the US. I tried to carry out the task of being a Fulbrighter with as much discipline, rigor, and deference as I could, especially for the cultural ambas-sador role.

[ASP] Why are Chicago and IIT important to you?

[DG] Chicago is the epicenter of the modern architectural on that occurred between the late 19th century and he early 20th century. The reconstruction after the Great Fire of 1971 was necessarily aimed to improve building techniques and it brought to the growth of new architectural techniques and it brought to the growth of new architectural languages, interpreted by the then masters, above all Louis Henry Sullivan and Frank Lloyd Wright. Ludwig Mies van der Rohe and many other modern architects carried on this tradition of architectural centrality in Chicago over the 20th century, and for a scholar of modern architecture preservation Chicago is simply the place to be.

Therefore, I decided to focus on this city for picking my research study cases because I also wanted to demonstrat through that Chicago is also the place where the preserva-tion attitude towards modernity aroused first in the world scenario, precisely as a reaction to the progressive loss of architectural masterpieces in the '60s.

acutecural masterpieces in the '80s.

IT is the natural place to study the evolution of the protection of modern architectury in Chicago, since it is the university that over time gathered the main advocates of this priceless he intage in a unique architectural masterpiec like the Crown Hall, still inspiring its students that live it as their everyday home.

[ASP] How does your research benefit from being in this city and this institution?

(DG) ITT is an unmatched research environment and undoubtedly the most important for architecture in Chicago. The vibrant energy that comes from the campus designed by Mies is the perfect set to conduct research, and the presence of scholars from all over the world brings vitality and cultural enrichment. Through the many research trips, our team established strong bonds and sincere friendship outside the work environment.

Prof. Michelangelo Sabatino, the director of the IIT PhD program, who supervised my research in the US, was a constant reference and helped me with his precious advice. He wisely addressed my research connecting me to the main figures in the field of restoration in Chicago, and among them the most helpful and important figure for my research was Pro Gunny Harboe, who spent a lot of time illustrating to me hi works in engaging talks.

I am sure that the highly recognized importance and quality of this university will be profitable for my future career progression as a scholar in the field of history and restoration of modern architecture.

[ASP] What sort of advantage does multidisciplinary esearch bring to your work?

research bring to your work?

IOGI Research can only be a multidisciplinary effort, Even
the most specialist field of knowledge, as restoration of
architecture is, might require a prodound understanding of
the complexities that gravitate around it. For example, the
quarying of a certain stone rather than another to decorate
a historic church might refer to political dominances over
some territories of a previous population, the deep condition of a fabric, even if analyzed with diagnostic tools, might
have causes releated to environmental factors, that must be
taken into account in a research study.

In my case, studying the restoration works on Wright heritage in Chicago, and in general, studying the differences in the attitudes and methodologies to preservation between Italy and the US, demonstrated a necessary multidisci-plinary approach because most of the differences high-lighted refer to political and sociological reasons.

In this sense, the conference "In-Between" held at IIT on In this sense, the conference "in-Between" held at IIT on November 16-17, 2023, was a perfect symposium that aimed to stress these connections between architecture and other ridleds of studies. In my paper I talked about how the polit-ical fights to save the Robie House in 1957 influenced the attitude towards the restoration approaches on the house over the following years.

[ASP] What collaborations were you able to achieve during your time in Chicago and at IIT?

[DG] During my research period in Chicago at IIT I had [DGI] During my research period in Chicago at IIT had the chance to meet many important figures in the field of history of architecture and restoration within the entire American context, and in particular in the city of Chicago, A great collaboration and connection was established with my colleagues at IIT. We spent a fantastic time together during the PhD lessons held by PnG Sabation at IIT, where we read our dissertation progression and defined a way to help each other with advice and tips to improve our works under the wise tutorship of the PhD director.

Another important collaboration was with Prof. Gunny Another important collaboration was with Prof. Gunny Harboe. He illustrated to me a lot of his architectural restoration and introduced me to many influential figures in the US that I had the chance to meet and interview, including Prof. Frank G. Mateor form the University of Pennsylvania and Susan MacDonald from the Getty Institute.

In his office, I had the chance also to meet Greg Maxwell, who is currently Co-Chair of the AIA Chicago chapter. He has been very helpful for my research especially for reading my dissertation prospectus and giving me advice for a them that aroused his interest.

Lalso established connections with the main institutions lalso established connections with the main institutions that advocate for the stewardship and protection of the Frank Lloyd Wright properties. The Frank Lloyd Wright Foundation's director, Statart Grand, was very welcoming in hosting me in his properties, both in Taliesin, WI, and Taliesin West, AZ. And their directors of preservation, Ryan Hewson and Fred Prozzillo, guided me and my research group in explaining to us the ongoing restoration works. The same explaining to us the ongoing restoration works. The same happened in Fallingwater with the help of Scott Perkins.

In Chicago, the Frank Lloyd Wright Trust helped me in having access to the Robie House and the Unity Temple on the closed days, in order to deeply inspect these two masterpieces and main case studies for my research.

In terms of archival research, a great collaboration was achieved between me and the archivists of the Art Institute of Chicago. The same happened with the New York Columbia University Avery Library Archive, which collects the Frank Lloyd Wright Papers, his most important archival collection.

[ASP] Did you find any surprising things during your time in Chicago and at IIT?

[DG] Chicago and attir?

[DG] Chicago did not surprise me. Before coming to the US, I spent two years studying the city and I was aware of its splendid heritage, about the polarity between the downtown and the residential neighborhoods, Also IIT had been a confirmation of my previous thoughts, It is a fantastic university, a place to conduct research peacefully surrounded by unique pieces of modern architecture.

I was surprised by Frank Lloyd Wright's architecture, instead, I had the greatest expectations for it, but I was still surprised. His work is a revolutionary thought transformed in material expression. Architecture for Wright deals with materiality, light, and most of all space. You can never completely understand his architecture from the photos or drawings. It must be a spatial and temporal experience that involves human perception, as Bruno Zevi affirmed in his life-long research. I had the chance to spend a lot of time in many of Wright's masterpieces thanks to the connections provided by tutors, from the east to the west coast of the US. His architecture is always different and changing according to the context and functions. The architectural style doesn't mean anything for Wright, Form and function are one, and that is the reason why be can always integrate the natural and the bult environment, also in dominating nature and creating a new harmonious condition. I was surprised by Frank Lloyd Wright's architecture

These principles might be cliché or well-known by architec-I nese principies might be cliche or well-known by architec tural scholars, but experiencing his works is really some-thing superior that I have never felt for any other architect. I feel very lucky to be able to study his works over time in Chicago. I spent a lot of time in the Robie House and in the Unity Temple, trying to catch as much as possible of these incredible pieces.

DAVIDE GALLERI, CONT.

[ASP] What other research areas would you be interested in pursuing once you are done with your current work?

in pursuing once you are done with your current work?

DGI I have always been interested in the narration of the events and in the political factors that have repercussions on the bull tenvironment, and subsequently on the concept of public life. I hope to keep focusing on my work as an architectand as a researcher in the field of modern architecture preservation. However, this is also a political theme, because the scope of preserving modern architecture is not help the population recognize a complex heritage and conserve a revolutionary moment that shapes our contemporary identity and inspires future generations.

identity and inspires future generations.

If I need to pick other career perspectives, I would say that they could be journalism or politics, in both cases my objective would still be connected to the aforementioned themes. The importance of understanding the beauty and relevance of architecture is the most political theme in the contemporary world. A bad book can be thrown away or can be forgotten, but bad architecture will have an impact over many generations, as well as the loss of an architectural masterpiece, or a bad restoration that could completely change the features and the values of a work of architecture. Social and environmental aspects, too, deal inextricably with architecture and the revolution towards a more equal and sane world can only start from a new centrality of architecture in contemporary societies.

It all starts with education, but as a journalist or a politician it would be interesting to spread the importance of archi-tecture to a broader audience and to have impact in the legislation.

[ASP] How did being in Chicago and at IIT change you as a person and researcher?

[DG] I definitely feel more mature both as a person and as a scholar. This period has been so intense and full of experiences that If eet to have grown several years in a shorter time. I think that the most interesting aspect has been sharing ideas with people from different cultures and trying to get their points of view. It helped me to look differently at two country, Italy, both appreciating its best aspects, and both criticizing its worst.

In the U.S. the universities, in general terms, are a temple for knowledge and study. There is an unmatched respect for knowledge and study. There is an unmatched respect for the property of the study In the US, the universities, in general terms, are a temple



In Between: Architecture and Development of the Urban Landscape Alejandro Saldaña Perale

ANNUAL SYMPOSIUM HIGHLIGHTS

Overview

The 7th International Graduate Student Symposium (IGSS) in 2023, hosted by the PhD program in Architecture at IIT Chicago, explored the theme "In Between" within the North American urban landscape. Selected abstracts underwent a double-blind peer review process, leading to a transformative two-day symposium in November 2023 at Crown Hall.

Beyond intellectual exchange, the symposium served as a curated platform, fostering the fusion of ideas and providing a nuanced understanding of contemporary urban challenges. Students involved in organizing (Aamena, Alejandro, Ciceka and Sasha) experienced a unique and valuable opportunity, contributing meaningfully to the ongoing dialogue on architecture's role in shaping urban futures.

This impactful endeavor extends into the 2023–2024 issue of Prometheus, the esteemed journal of the PhD Program in Architec-ture at IIT Chicago. The collective work showcased in the publication not only elevates academic discourse but also reflects the commitment of the program to provide an amazing and comprehensive experience for its students, reinforcing the transformative nature of their involvement in the entire process.















NOVEMBER 16, 2023

Opening Ceremony at Lower Center Crown Hall































NOVEMBER 17, 2023 Closing Ceremony at Wrightwood 659

Cicek Karatas

STUDENT LIFE AND RESEARCH

Overview of Doctoral Research

The PhD students and candidates at IIT come from diverse backgrounds. Together, they compile decades of professional and academic experience which shape their research into unique and tailored academic experiences. Both as colleagues and friends, students are encouraged to spend leisure time in activities that help build strong ties with their peers as well as to contribute to their studies. Taking advantage of our privileged location, we love to take studies. Taking advantage of our privileged location, we love to take the initiative and explore. Chicago, a major global city and epicenter of architecture in North America, waits for us to wander through its streets, mingle in its neighborhoods, and linger at its parks. The city inspires us to address the contemporary dilemmas of urban environments and city life. Here, such inspiration and the students' experiences can lead them to specialize in the architectural and cultural, as well as the technological dimensions, of the discipline of architecture. The research done by our students fits well within the History, Theory, and Criticism (HTC) and the Technologies of the Built Environment (TBE) tracks. These provide our students with opportunities to work alongside highly experienced and trained faculty to better shape their work. Similarly, working close with peers has profound impressions on one's research, equally as powerful as the teachings brought forward by our faculty. Shaping an environment which fosters, encourages, and facilitates such interactions is of great importance to us. Finally, our students spend plenty of time together. They become part of each other's daily routines. They perform in a tight and supportive community.



















STUDENT LIFE AND RESEARCH

Our PhD Community

With changing rules to tackle the pandemic, COVID-19 is becoming less of a threat and more of an inconvenience in 2023. Now, we have more chances to meet up with friends, family, and colleagues. This change has been warmly welcomed by the PhD Community at the College of Architecture.

After two years of keeping our distance, coming back to campus brings a lot of happiness. We enjoy being together in person and taking a break from virtual life. Whether we're attending academic events, enjoying free time, or exploring Chicago's urban area, the PhD Community regularly grabs these opportunities to meet face-to-face. This return to real-life interactions marks a significant shift, adding a tangible layer to our shared experiences and fostering a lively community within our scholarly environment.











MARCH 24, 2023

Mies Crown Hall Americas Prize (MCHAP) Symposium, S. R. Crown Hall

MAY 16, 2023 Game Night



















AUGUST 2023 Çiçek Karataş After Completing Her First Year at IIT — Post-Earthquake Site Visit to Turkey

Administrative Assistant Role Transition — Çiçek Karataş











9 Davide Calleri, visiting PhD Student, Department of Architecture, University of Maples Federico II, Italy, ducing his studies.

ducing his studies.

10 The FAD community and Fref.
Richelangelo Embatino welcomed
our belowed vimiting scholars Dr. Junko Tagosht, Davide Galleri,
and Dr. Marta Peixoto - with small
gifts from III.



SEPTEMBER 10, 2023 Exhibition Opening, Riverside

SEPTEMBER 14, 2023 Mental Health Workshop by Ewa Pluciennicka

12-13 After the exhibition, an enjoyable reception followed at Sabatino's home in Riverside, a late 1930s residence recently restored with partner Serge Ambrose.

JUNE 26, 2023

The Modernism Road Rally — Tour of Homes

Çiçek Karataş

AUGUST 24, 2023

Welcome Back Fall

6 The Architectural Research Forum Lunch Oathering starts the first week of the academic year. 7 Dr. Junko Tuguchi, Visiting Associate Professor, Neijo University Taculty of Urbian Science, Japan, introducing her work.











SEPTEMBER 24, 2023 SEPTEMBER 28, 2023 Chicago Botanical Garden Trip Dr. Youngjin Hwang Lecture



SEPTEMBER 30, 2023 Edith Farnsworth House Tour by Alejandro Saldaña Perales





OCTOBER 14, 2023 University of Wisconsin-Milwaukee Lecture









In Between: Architecture and Development of the Urban Landscape Cicek Karatas













OCTOBER 26, 2023 Maurice Cox in Conversation

- I Memseth Christensen, Provost 3-4
 and Senier Vice President of co
 academic Affairs, initiated the
 two-hour discussion, setting the
 tron-for engaging insights from
 Valuation Cow.
 Vill
- nameroc cos.

 2 Giovanna Galfione, architect
 and wife of Haurice Cox. shared
 cherished senories in Florence,
 where Cox practiced architecture
 for a decade, offering a glimpse
 into their meaningful journey
 together.

NOVEMBER 3, 2023 SAH Celebrates

- 5 Co-chair Sabatino an
- 6 EAM Celebrates, held at the Hesberry in Chinago. Who community members Devide Galleri, Nichelangelo Sabatino (also co-chair of the event), Junko Taguehl, Cicek Karatag, and her partner Izset Yildelin are captured hesuifully through the lens of Ann Frans.













NOVEMBER 11, 2023 Storytelling Session at Bronzeville Historical Society

7 Filmmakers Carlos Ortiz Javier and Ashley Lukasik, along with Professor Sabatino, participated in a storytelling session at Brongeville Historical Society.

Mod & Merry Party at Edith Farnsworth House oing & PhD studentw and visitors

e Fno stouents and visitors came together for the Mod & Merry party hosted by the Edith Farnaworth House, Heartfelt thanks to Ed South Hehaffoy for extending a warm welcome to the 117 College of architecture!

FIT College of Architecture!
9-10 Members of the FhD
Community gathered for an
enlightening visit to the
historic Farmsworth Mouse,
marveling at its architectural
brilliance designed by Ludwig

DECEMBER 2, 2023 Mod & Merry Party at Edith End-of-Semester Dinner

11-12 These anapahots capture the feative moments and delicious dinner from our End of Semester Holiday Party, marking a Flavorful conclusion to a senester filled with shared laughter and cheriabed camaraderic within the rhD

Prometheus 07

In Between: Architecture and Development of the Urban Landscap

Karataş

STUDENT LIFE AND RESEARCH

Driehaus Foundation Grant Brings Local History Exhibit to Mies Gallery

Visitors to campus next year will get a taste of the multifaceted history of the Illinois Institute of Technology campus and its relationship to the surrounding Bronzeville neighborhood thanks to a \$50,000 grant from the Richard H. Driehaus Foundation based in Chicago.

A Living Room for Bronzeville: Stories about the Illinois Institute of Technology's Campus and Chicago's South Side is a storytelling initiative centered on an exhibit that will be installed next summer on the ground floor of Michael Paul Galvin Tower at 35th and State Streets. Short films and an upcoming book will further enhance the initiative, spearheaded by IIT College of Architecture faculty Michelangelo Sabatino, professor of architectural history and preservation.



Prof. Sabation and Earlington are collaborating on a book about Bremsevills titled Judicing, Prodring, Schwidting: The JIT Compus and Orlogoy's Gooth Fide (Datweetry of Missecra Press, 2024), In April 2023, a fragment From the descibeded Posco Fides in Bremseville, representing the complex Initary, we demanded by the Illinois Institute of Technology to the Art Institute of Chicage's new architectural

methods O7 In Between Architecture and Development of the Urban Landscape Click Kanaday 10

PHD DEFENDED DISSERTATION ABSTRACT HEALTH AND WELL-BEING BENEFITS OF DIFFERENT TYPES OF URBAN GREEN SPACES (UGS): A CROSS-SECTIONAL STUDY OF COMMUNITIES IN



Liwen Kang
Thesis Defense (S. R. Crown Hall and

PHD DEFENDED DISSERTATION ABSTRACT PARKS TAKE COMMAND: PUBLIC SPACE CENTERED DESIGN FRAMEWORKS FOR CHICAGO'S LARGE-SCALE PRIVATE DEVELOPMENTS



Alejandro Saldaña Perales Thesis Defense (S. R. Crown Hall ar Virtual)

There are three main interrelated areas of focus in this doctoral research related to urban green spaces (UGS); general well-being, mental health, and physical health. In this study, these three different health aspects were analyzed separately. The data of these three health outcomes were collected from the Healthy Chicago Survey (HCS), an annual telephone survey that interviewed adults in Chicago, US, based on randomly selected addresses.

CHICAGO, US

Us, based on randomly selected addresses. Urban green spaces have been associated with better health and well-being. They provide sites for physical activity, buffer air and noise pollution, and alleviste thermal discomfort. Urban green spaces also promote social interaction and increase social cohesion. However, research is limited to the health benefits of different types of UGS exposure. This research aimed to reveal the associations between the provision of different UGS types and urban residents' general, mental, and physical health in Chicago, the third-largest city in the US.

in the US.

Urban green spaces data were collected from the National Land Cover Database (NLCD), the Meter-Scale Urban Land Cover (MULC), and the Chicago Park District (CPD). Different types of USG were obtained, namely 1 the percent tree canopy cover (TCC) from the first database; 2) the percentage of trees and the percentage of grass from the second database; and 3) the number of parks, park areas, and percentage of park areas from the third database. Using hierarchical and logistic regression models that controlled for a range of confounding factors (sage, gender, race, education level, employment status, and poverty level), this study assessed which type of UGS affects general well-fixe; mental health, and physical health, respectively. The results

indicated that increased park area was significantly associated with better perceived general health; a higher percent of TCC was significantly associated with a lower level of psychological distress (PD); and an increased percentage of park areas and increased number of parks were associated with lower odds of being obses. Two micro-scaled on-site observations were conducted in the Avalon Park community and the Loop community to analyze some other USG characteristics besides quantity and availability. Other characteristics of UGS, such as quality of facilities, attractiveness, and maintenance, are suggested to be taken into consideration for future studies. The study highlights that different UGS types have various impacts on the general, mental, and physical health of urban residents. By providing scientific evidence, this study may help policymakers, urban planners, landscape architects, and other related professionals to make informed decisions on maximizing the health benefits of UGS and to achieve social equity. The findings of his study may be applied to other metropolitan cities.



Liwen Mang during her dissertation defense

New challenges are shaping the contemporary North American urban landscape, Accelerating social transformations and environmental threats unfold in most major cities, whilst coping with their growth and expansion. In Chicago, a new wave of large-scale private developments are being introduced as a powerful force towards addressing these new challenges. Therefore, by employing comprehensive design frameworks, parks can be designed as tools to tackle these threats.

oesign trameworks, parks can be desegined as tools to tacket these threats.

Chicago attracts new residents to its Central Area, one of the fastest growing neighborhoods in the U.S. Limited availability of land in this district is pushing new urban developments to its boundaries towards the city's historical neighborhoods. Several large-scale projects are being developed adjacent to historical Black American communities. These actions face serious consequences to Chicago's currently fragile urban landscape. Like the Fonzeveille Lakefront development, large-scale private developments are seen as feasible alternatives in meeting the growing demand for new urban landscapes in Chicago's Central Area. The city's large number of abandoned industrial yards, legacy of Chicago's industrial past, supply large and attractive sitee for private capital to invest and develop. Considering the scale of these interventions, local city authorities have tight-need reviewing processes for new developments. However, no concrete objective design and assessment standards have been established so far, Through current assessment mechanisms, local authorities focus on the building stock, overlooking parks and public spaces. Parks are critical for optimal social and environmental development of Chicago.

My research introduces seven public-space centered frameworks aimed at assessing and designing parks in these developments. These frameworks are constructed through a case study analysis of a selection of parks currently performing as agents of positive impact while managing the challenges and threats seen in growing North American cities. My work aims to harness Chicagos urban growth to better address the context of local social and urban crisis, as well as a global climate emergency. It argues the processes of shaping these developments should focus on the design of their park landscapes. Ultimately, it expresses faith in the ability of private capital to collaborate with city authorities, communities, and designers in shaping the future urban landscape.



D candidate Alejandro Saldaña Perales defending his dissertation

Prometheus 07

In Between: Architecture and Development of the Urban Landscape

ACCOMPLISHMENTS

This is a summary of PhD student and PhD alumni accomplishments throughout the 2023–24 academic year:

AWARDS, EVENTS, FELLOWSHIPS, GRANTS, SCHOLARSHIPS, AND INVITATIONS

Azari, Rahman. Session Chair for the PhD Discussion Pand at the ARCC 2023 International Conference in Dallas, Texas. Associate Professor of Architecture and Director of RE2 Lab at The Pennsylvania State University. Former Inter in Director of the PhD Program at the College of Authorities. In 1970(2)

the 2023 Asla Honor Award Recipient for "Salura Orihon," a project that began in 2018 and continued despite a pandemicinduced break. It showcases fifteen sketchbooks capturing the beauty of cherry blosooms.

Henderson, Ron; Villabobos, Maria, These professors have been granted an award from the National Science Foundation (NSF) for their project titled "SAI:

Jeong, Hyssum, Assistant Professor in the School of Planning at DAAP and Co-Director of the Simpson Center for Uthan Futures, and seen member of our PhD community, Dr. Jeong was featured in a video titled sestimately Critics and the Intersection of Social Solences and Uthan Design, part of a certice revealing the institution's most report research. According to the video, "A background in architectural allows Pipsouria" research to focus on such as the professor in the control of t

Karatas, Cigels. Awarded the 2023. Lindsay Jones Memorial Research Fund grant from the Architecture, Culture, and Sprittashiy Formy (ACSF) in Akay 2023 for her project, "Documenting the Cultural Significance of Religious Buildings. Damaged by the Hatay Earthquake," focusing on preserving heritage and advancing sprittual and cultural sustainability.

Karatas, Cicek. Invited to be critic/ reviewer for 2nd-year Design Studio at IIT for the midterm and final.

Khairnar, Piyush. Dr. Khairnar has accepted a tenure-track Assistant Professor position at Texas Tech Univ

Khan, Zahida. After a year as a vi professor, Dr. Khan is now a tenur Assistant Professor at Ball State U

PUBLICATIONS

Driver less City: The Urban Possibilities of Autonomous Vehicles and Navigation Safety. The Journal of Digital Landscape Architecture, June (2023).

Abbasabadi, Narjos; Ashayeri, Mehdii, Dr. Abbasabadi and Dr. Mehdii or autho 'Multi-Objective Optimization for Designing Kinetic Shading Patterns' an 'LEED V.4 Lisensure and Indoor Air Quaterbalastion Ouring the Covid-19 Stayat-home' with Samin Kamulisaevestami and Scroush Piri, Presented at the ARC International Conference, Dallas, Texas

Farhoodi, Saeed; Haratian, Saman; Heidarinejad, Mohammad; Mitkees, Lobna; Stephens, Brent. *Design and Demonstration of a Prototype Thermall Active Student Desk in a Modern Landmark for Personalizad Cooling

Lobna: Stephens, Brent, "Assessment of Indoor Environmental Conditions an Perceived Occupant Thermal Comfort i Mies's Modern S. R. Grown Hall," Buildi Assessor's & Information (2024).

Research & Internation (2024)

Sabatine, Mikepia, IT College of Architecture prefersor, Dr. Sabathon was recognized for co-authoring Carlo Mollino, Architect and Stoppastic chosen as one of the Most Beautiful Streins Books—a distinction awared aimmailly by the Oxids Federal Office of Culture since 1998. The book, which echebrates the influential twentieth—entity Italian designer was showcared at Helmhaus Zuirch June

Saldaña Perales, Alejandro, Participated in the Caradian Centre of Architecture (CCA) 2023 Dectoral Research Residency Program (DRRP). This is a summer residency program — ranging from four to six weeks — to support PhO cardidates in pursuing archival research based on the CCA collection and earthiese.

Shah, Nadia, Dr. Shah auccessfully published her article, "Beyond Modernist Housing: Can the Mass Housing Model Accommodate Human Agency?" in The Plan Journal 8 (U) 120231

Villalobos, Maria. Prof. Villalobos took on the role of Director for the Master of Landscape Architecture and Urbanism program at the Illinois Institute of position reflects her rich experience, forward-thinking ideas, and steadfas commitment to the field.

PRESENTATIONS

the ARC 2022 International Conference in Drillag. Trans. Their co-mathered with Elzabeth Jurn May and Victoria Marine. Googued on Thirmmental Justice.

A Case Study into the Heat Volkerable Nagishardood of Marine Regulation of Their Marine Regulation of the Planning Palloy, and Resiliance specials. The second pages, co-althored with Nithin Chelava R. Aland Yang Ying. 18td Girmagnic Downston Plaindefedies.

A Georetario Urban Design Workflow Intergranting Bell-Volker Conference on Common Plaindefedies.

Zoning, and Performance' was presented active Technologies and Architecture.

Karataç, Çiçak, Second year PhD student Karataç Saper, Spiritual and Cultural Sustainability, Preserving Heritage in Antalya, Turkay, Affer the Earthquake," Insa Sheen accepted for presentation at the ConCave PhD Symposium 2024. The event is set to take place April 4–5, 2024, at the Georgia Institute of Technology in Atlanta, Georgia, USA.

Marting, Open. Second-year in Utsourier. Kartaria spall coincil have been selected for The Foreign and Architecture, spirituality, are for the Foreign and Architecture, spirituality, are proposition in literal Lifetacy, Janus 2-6, 2004. The event there is "Revenance of the Plaza" in Lifetacy Plaza Sport and Foreign and Plazarier Exploring Transcondent Unity in a Wind of Multiplicity." Sell by presenting her caper "Spiritual and Cultural Sustainablery: Persenving herizagin in Artislays, Turkey, After the Earthquake," and conducting workshop named "Harmony Universal." Exploring the Symbolic Durce of Architecture, Spirituality, and the Luring Architecture, Spiritually, and the Luring.

Karatas, Open. Second year Hib Student Karatas paper. Newcaring Fragility and Memory. The Role of the Belson Memory May in Presented (bran Heritage Pole Earthquale in Antalya, Hatay, Tulay, The Belson His Memory and Understein Heritage (branches) and Understein Heritage (branches) In PRESENCE ("THE BODY AND THE SPACE. The conference, themed "The Role of Corporety in the Far of Virtual state), is scheduled for June 19–22, 2024, in Main, Italy. Sabatino, Michelangelo. Dr. Sabatino participated at the opening of the "Living with Mise" exhibition on September 17, 2023. He shed light on the intersection of architecture and daily life, and contributed an essay titled "MIES and the Everyday" to

Sabatino, Michelangelo, Dr. Sabatino led a guided tour on Saturday, October 21, 2023, showcasing IIT's architectural legacy, featuring the iconic designs of Mies van der Robe and the breathtaking work of landscrane architect & Mirco Caldisuell.

Sabatino, Michelangelo; Ambrose, Serge, Dr. Sabatino and Ambrose delved into the legacy of modern Chicago house offering an insightful presentation on

Wisconsin Milwaukee campus.
Saldaña Perales, Alejandro, PhD
Candidate Saldaña Perales presented his
paper at the ARCC 2023 International
Conference in Dallas, Texas, in April 2025
The paper titled Planks Talks Command;
explored a Public Space Centered Design
Framswork for Chicago's Post-Covid
Private Davisopment in the Bronzeville

DEFENDED DISSERTATIONS

During this past year, two students

Kang, Liwen, "Health and Well-Being Benefits of Different Types of Urban Green Spaces (UGS): A Cross-Sectional Study of Communities on Chicago, US. (2018–2023). "PhD das., Illinois Institute of Technology, December 2023. Committee Dr. Michelungold Substino (IT CoA), Let Urbang (IT Lewis College of Science Letters), Ron Henderson (IT CoA), Dr. Maria Villadobe Afrenander (IT CoA), and Nicole Dischman (IT Lewis College of Science and Letters).

Salánia Perdes, Alsjandria "Parks Take Command-Publis Space Centered Posego Frameworks for Chicago's Large-Scale Private Developments (2022—2023—17 Michael Developments (2022—2023—17 Michael Developments (2022—2023—17 Michael Developments (2022—2023—17 Michael Developments (107 CoA) D. Maris Villadoso Hermandez (IIT CoA) D. D. Daniel Billar (IIT Lever, College of Science and Lecture, John College of Science and Lecture, James (1994) D. Salafos (IIT Contrologico de Morterey, School of 1 Circensiógico de Morterey, School of 1 Circensiógico

2023-24 Vinci Fellowship Tuition Scholarships

Congratulations to the recipients: Çiçek Karataş and Alejandro Saldaña Perales

2023-24 CoA — PhD Program End-of-Year Awards

Every year graduating students receive three awards: the ARCC King Student Medal, the Best Defended Dissertation Award, and the Spirit Award.



Karatas, Cicek. 2023-2024 Vinci Fellowship Turtion Scholarship — Cultural heritage preservation and clipital innovation amidst rising plobal crises: Exploring the transformative potential and interdisciplinary dynamics shaping our understanding and conservation efforts in



23-2024 Vinci
Sobblaña Pereles, Alejandro, 20:
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for Chicago's Large-Saale Private
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Developments

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Assard — CoA PRD Faculty convened to select the best defended dissertation in one of the two areas of specialized research: Heisery, Frency, and Criticism or Turbind Egisse of the fault Environment or Turbind Egisse of the fault Environment or Turbind Egisse of the fault Environment or Turbind Egisse of Entire of Deep Environment Public Seguery Centred Seguery C



Mubarak Bakarmom, Aamena, 2023-2024 PhD Program Spirit Award — Awarded to a graduating PhD student and selected by the PhD Students and PhD Candidates in recognition of outstanding

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