

# Al-Imara

Newsletter of the Department of Architecture and Urban Planning  
<http://www.qu.edu.qa/engineering/academics/architecture>

# العمارة

Volume 5, Issue 1 | Fall 2021

## DAUP welcomes new Head of the Department, Dr. Raffaello Furlan



The Department of Architecture and Urban Planning (DAUP) welcomed a new Head of Department, Dr. Raffaello Furlan for the Fall 2021 semester. At the same time, DAUP extends its heartfelt thanks to Dr. Fodil Fadli for the many years of service he gave to the department during his term as HOD. Herewith, a statement from our new HOD on architectural education.

The Department of Architecture and Urban Planning (DAUP) vision is rooted in the pursuit of professional competency given very distinct settings and circumstances. At DAUP, we focus on the quality of the student experience, coupling technical skill building with the broader development of knowledge and values. Students work under the direction of leading academics as they learn to design buildings, neighborhoods, and cities that are healthy, culturally rich, environmentally responsible, and that foster a high quality of living. DAUP works in collaboration and complement with allied disciplines and professions. DAUP teaching also builds on the unique character and quality of the design fields, understanding that pedagogy, process, and products in Architecture and Urban Planning are distinctive. DAUP stands as a leading provider of education and research for

Faculty and Staff members of Department of Architecture and Urban Planning (Image: DAUP-CENG-QU).

<http://www.qu.edu.qa/engineering/academics/architecture/faculty-and-staff>

the disciplines of Architecture and Urban Planning in Qatar respecting the identity, and culture, as vital to a rich, healthy and meaningful way of life.

“**DAUP education acknowledges + celebrates culture and identity as a foundational influence on the preparation of future architects, while concurrently addressing the vital need of graduates to be open-minded, creative, and innovative**”

<http://www.qu.edu.qa/engineering/academics/architecture>

### Highlights of this issue!

- Dr. Raffaello Furlan shares his vision for the new academic year.
- 3 Questions featuring Dr. Goze Bayram & Ar. Francisco Trujillo.
- Design Studio Tutorial developed.
- Peer Review initiated at DAUP.
- Student projects featuring Muneera Al Hail, Aisha Jamali, Maryam Adel Al Mulla and Sara Obaidly.
- Student awards featuring Moza Al-Obaidan, Aljazi Al-Naimi, Saaeda Al Bader, Muneera Al Hail and Farsana AbdullaKutty.
- Architect Students take part in Japanese Club booth design.

## From the Head of Department



I am honoured to extend my first welcome to you in such an exciting issue of Al-Imara. This ninth issue covers a challenging, yet fruitful, semester in which we dared much and learned even more.

I'd like to give a special mention to our graduates. Congratulations, young architects of 2020! I wish you all a bright and fruitful future in this new chapter of your life. On behalf of the department of Architecture and Urban Planning (DAUP), I welcome back our students and staff - those old and new. You are the beating heart of this department. The designs and projects produced during last Spring were extraordinary; your achievements help encourage and push us towards achieving even more in the future.

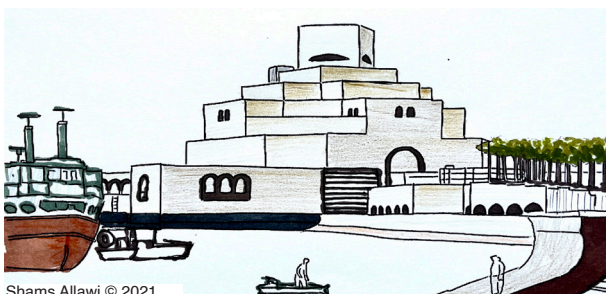
To everyone that has contributed to this magazine, thank you for your innovation, effort, and for taking the time to showcase the work done at DAUP.

To all the readers out there, we hope that you enjoy this latest issue, and that it will inspire you to contribute to the next.

We look forward to bringing you the best Al-Imara yet.

buona fortuna a tutti!

*Dr. Raffaello Furlan*  
15 September 2021



Shams Allawi © 2021

## ABOUT THIS ISSUE OF AL-IMARA

## From the Editor



We are back, Al-Imara is coming back with new projects, news and exciting new stories!

On this positive note, I'd like to first of all congratulate all our fresh new graduates.

We are going to miss having you around. And of course welcome to all our new freshmen this year, as we welcome aboard a great new batch of future architects. Wishing you all a positive learning experience this term on campus again. There are going to be a lot of interesting and informative topics about architecture as a whole in this upcoming edition. We will be publishing special coverage on all events, interviews, seminars and workshops that relate to our field. So get a copy of our latest Al-Imara magazine edition, sit back and enjoy our wide collection of news.

Let us have a great time back with Al-Imara!

*Architect Reham A. Qawasmeh*  
15 September 2021

### Al-Imara العمارة

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Department of Architecture and Urban Planning  
Volume 5, Issue 1 | Fall 2021

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Dr. Amina Yousef M A AlKandari (Chair), Reham A. Qawasmeh, Khalida Lifam Marthya  
Logo Credits: Maryam Adel Al Mulla

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## THREE QUESTIONS

## Dr. Goze Bayram



Dr. Goze Bayram, joined Qatar University as a Studio Instructor in Fall 2021. In this issue, Goze answers three questions on her role models, architectural experience in QU and her passions as an architect.

Read along to know her better.

### Who was your architecture role model when you were a student?

Actually, there is no single answer for me to give to that question since I am impressed mostly by people who are consistent, passionate and visionary on no matter what they practice. I strongly believe that role models have a triggering motivation to achieve their goals, have the courage to make mistakes by experiencing and do not hesitate to take risks while putting forward a new “creative statement”. To me, “architects” are not only taking other architects or professionals as role models but also touched by the nature, philosophy, art, literature and human behaviors which all shapes their perspectives throughout out their careers.

### How is your experience as a new faculty at Qatar University so far?

First of all, I feel lucky and proud of to be a member of Qatar University, one of the top universities in the region. Here in Qatar University, I feel satisfied when I see my students excited and motivated in broadening their knowledge, point of views and improving their skills. While trying to transfer my knowledge, my experiences and my keen on learning, I try to keep students' enthusiasm high in questioning, researching and learning in which I believe are the pillars of sustainable education. I hope I will have the opportunity to conduct researches together with my students in a collaboration with other faculty members and professionals from industry where we will all improve ourselves and learn from each other.

### What are you passionate about?

I am passionately committed to everything that

feeds my vision, rich my soul and the “newness” that will inspire me in becoming the best version of myself. Teaching and learning are the two of my irreplaceable passions sparking my eternal curiosity in the infinite ocean waiting for to be discovered. I believe that, an instructor with no passion in the field cannot really guide and excite his/her students during their educational journey.

Dr. Goze received her PhD in Architecture from Izmir Institute of Technology in 2015. She has been teaching undergraduate and graduate levels since 2011 in several countries. Dr. Goze also has five years of experience in the private sector as an architectural conservation specialist and lighting designer.

## UPCOMING EVENTS

14 February 2022, 12:30-14:00

**Public Lecture 4 : Dr Djamel Ouahrani on “New Cooling Strategies and Techniques in the making”**  
Qatar University, Building C07, Room 178

28 February 2022, 12:30-14:00

**Graduate Seminar 1: 3 Of DAUP's Ph.D Students Reveal Their Research featuring Soujanya Mogra, Mohuddin Jamaledin and Sara Zaina**  
Qatar University, Building C07, Room 178

21 March 2022, 12:30-14:00

**Public Lecture 5: Ibrahim Jaidah, Ali Alraouf and Martin Hare on “The Built Environment After The Soccer World Cup 2022”**  
Qatar University, Building C07, Room 178

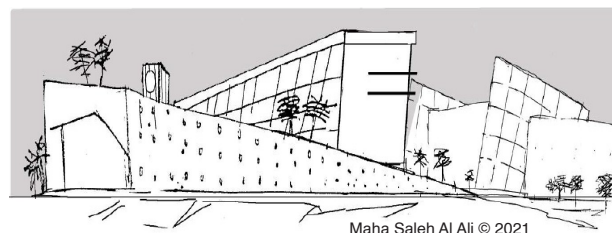
23-30 March 2022, Doha Design District  
**The Italian Design Day**

30 March 2022, 12:30-14:00

**Architecture Day : (Main) Qatar University, Building C07, Atrium**

April, 2022

**Public Lecture 6 : Rem Koolhaas – Internationally Acclaimed Architect**  
Qatar University, Building C07, Room 175



Maha Saleh Al Ali © 2021



## THREE QUESTIONS

## Arch. Francisco Trujillo



Arch. Francisco Trujillo, joined Department of Architecture and Urban Planning as a Studio Instructor in Fall 2021.

### Who was your architecture role model when you were a student?

I can say it is not only one and even change during the years, in the end, architecture is also a continuous learning process based on models and examples linked to context, location, environment, design, art, science, technology, etc. As a role model or reference I could say: Carlos Raul Villanueva, Kenzo Tange, RM Shindler, Gio Ponti, Renzo Piano, Eleazar Lissitzky, Konstantin Melnikov, Jean Nouvel, Norman Foster, Massimiliano Fuksas, Paul Klee and Alexander Calder.

### How is your experience as a new faculty at Qatar University so far?

The experience teaching at Qatar University is wonderful. A unique opportunity to share knowledge with new generations and understand what will demand the future society.... at the end the young generations will take advantage of what we are developing today to create the future environment.

### What are you passionate about?

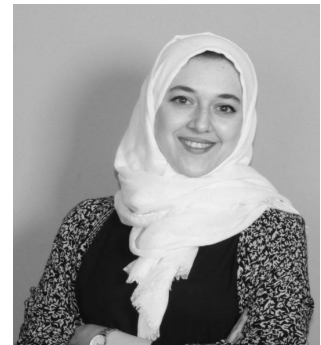
It is not an easy question, as an Architect, I am passionate to produce ideas that can solve the requirements of the final users adding value to society, having into consideration the final product (idea, concept, object, furniture, building, city, etc.) must be a sustainable asset where the beauty and functionality must be balance.

## GET TO KNOW

## Arch. Reem Awwaad

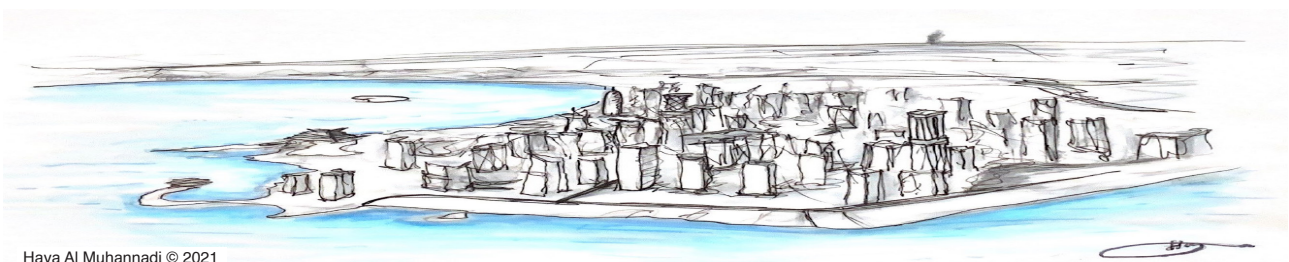
Reem Awwaad, new Graduate Assistant (Fall 2021) of the Department of Architecture and Urban Planning talks about her research interests, PhD experience as well as her future vision in this issue. Born to Egyptian parents, Reem grew up in Qatar and holds Qatar close to her heart. A QU architecture and urban planning graduate, she is happy to be back in the department.

My research interests focus on urban design and green urbanism, particularly in the design of green open spaces and the public realm of cities. My research publications largely explore the role of urban design in promoting vitality and efficiency for the built environment.



Currently I am pursuing my PhD studies in Urban Planning at Qatar University. The actual journey has started from an interesting opportunity for a scholarship. I was offered an admission as a PhD candidate and hired as a Graduate Assistant at the Department of Architecture and Urban Planning. This opportunity has equipped me with necessary skills to prepare for a transition to an academic role. This fulfills my career passion for being a future researcher and academician.

Reem has published several research papers in journals such as Urban, Planning and Transport Reserach on topics including sustainable urbanism, housing in Doha and green Transit- Oriented Development (TOD).





## CONFERENCES:

### News Bits

The 57th ISOCARP World Planning Congress on the theme “Planning Unlocked: New Times, Better Places, Stronger Communities” ..was successfully celebrated on November 8-11, 2021.

A two-day Virtual Pre-Congress preceded the in-person Congress on October 28-29 and hosted only fully online sessions. One of the themes of the conference was “Women in Planning” and the DAUP was well-represented by its graduates. DAUP Graduate and Ashghal Architect Aisha Al-Sulaiti as well as DAUP Graduate Muneera Al-Hail spoke at the 57th ISOCARP World Planning Congress.

Dr. Kate Holmquist, AICP, MCP, RLA, LEED AP visited DAUP architectural studio 1 on November, 2021.

Dr. Mark David Major, AICP, CNU-A and Research Associate Heba O. Tannous were invited to present at the HPF & ISOCARP Urban Thinkers Campus: The Great Green Makeover at 10:30 UTC | 1:30 pm Qatar Standard Time (QST) on Tuesday, 30 November 2021 to move from idea to action on urban greening.

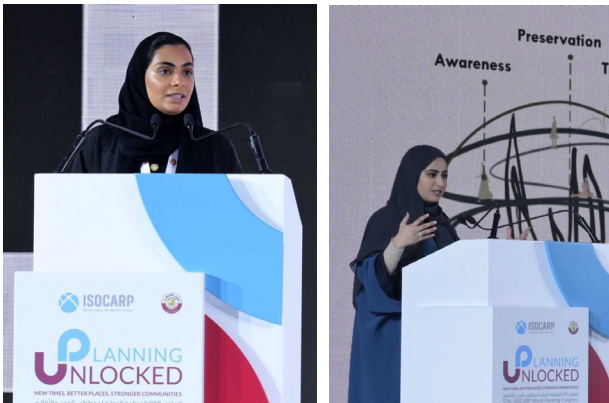
Dr. Madhavi Indraganti and undergraduate students presented three papers at the ‘Comfort at the Extremes’ online International Conference hosted by Sultan Qaboos University, Oman held from 24-26 October 2021. Dr. Madhavi Indraganti, Rowaida Elnahas, Aljaze Al-Naimi and Maryam Al-Nuaimi spoke on ‘Thermal Comfort in Learning Environments: The Case of Qatar’. Dr. Madhavi Indraganti, Farsana Kutty, Reem Ali and Saaeda Al-Bader discussed the topic ‘Thermal Comfort in Sleep Environments: The Case of Qatar’. Lulwa Al Noaimi, Noora Alnassor and Maryam Adel Al-Mulla along with Dr. Madhavi presented the paper titled ‘Thermal Comfort and Adaptation in Residential Buildings in Qatar’ at the conference.



The Deputy Chair of the ISOCARP Scientific Committee, Kate Holmquist, AICP, MCP, RLA, LEED AP visited the L51 Section (Instructors: Mark David Major/Velina Mirincheva) of ARCT 211: Architectural Design Studio 1 on Sunday, 14 November 2021



International and Local Rapporteur for sessions at the 57th ISOCARP World Planning Congress including Dr. Mark David Major and Dr. Mohd Faris Khamidi (far right) on either side of Deputy Chair of the ISOCARP Scientific Committee, Kate Holmquist, AICP, MCP, RLA, LEED AP.



DAUP Graduate Muneera al-Hail (left) and DAUP Graduate and Ministry of Municipality Architect Aisha Al-Sulaiti spoke at the 57th ISOCARP World Planning Congress.



Dr. Mark David Major, AICP, CNU-A and Research Associate Heba O. Tannous presented at the HPF & ISOCARP Urban Thinkers Campus: The Great Green Makeover in November 2021.

## PROJECT FEATURE: ARCT 212- DESIGN STUDIO 2

# Sara Al Obaidli's Single Family Passive house - المتنفس



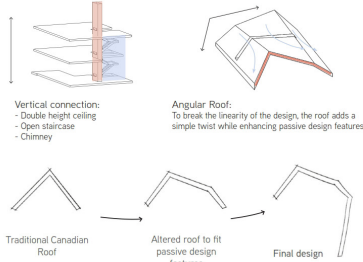
جامعة قطر  
QATAR UNIVERSITY

COLLEGE OF ENGINEERING  
DEPARTMENT OF ARCHITECTURE AND URBAN PLANNING  
ARCT 212: DESIGN STUDIO II

SINGLE FAMILY  
PASSIVE HOUSE  
SPRING 2021

INSTRUCTORS: DR. MADHAVI INDRAGANTI  
DR. TARRYN PAQUET  
TA: AR. MOHAMED ALSUWAIDI

## CONCEPT SKETCHES



## SITE PLAN

Scale 1:200

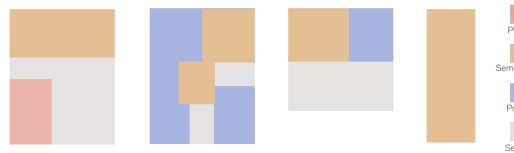


## FLOOR PLANS

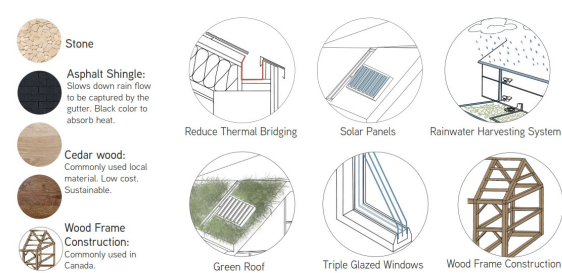
Scale 1:100



## PROGRAM



## MATERIALS



## SECTIONS



## ELEVATIONS





## AWARD FOCUS

## Student awards

Moza Al-Obaidan won a Special Mention Award from the International Society of City and Regional Planners for her Senior Project, Hayy-Rethinking Qatari Neighborhoods and Dwellings, at the ISOCARP 57th World Planning Congress at Mshereib Downtown Doha in November 2021. She also made multiple presentations about the project at the ISOCARP 57th World Planning Congress.

Moza Al-Obaidan, Aljazi Al-Naimi, Saaeda Al Bader won 1st, 2nd, and 3rd Prize for the AEB Architecture Excellence Prize at the Virtual 11-12th Annual Architecture Day on 25 March 2021.

Saaeda Al Bader, Muneera Al-hail, and Moza Al-Obaidan won 1st, 2nd, and 3rd Place respectively for the CENG Senior Project Awards (Architecture) in May 2021.



Moza Al Obaidan awarded the AEB Architecture Excellence Prize on Annual Virtual Architecture Day on 25 March 2021 (Image: DAUP-CENG-QU).

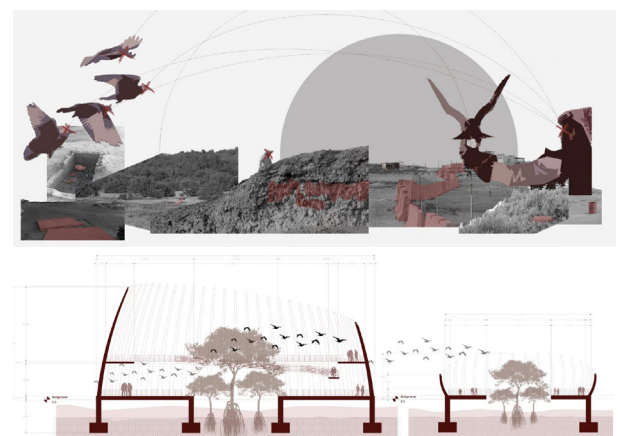


Moza Al Obaidan's senior project "Hayy- Rethinking Qatari Neighborhoods and Dwellings" that won her many accolades.

Farsana Abdulla Aravassery won one of four CENG Special Impact Awards for her Senior Project for a notable contribution to Qatari society in May 2021.



Moza Obaidan speaking about her senior project at the ISOCARP 57th World Planning Congress in November 2021 (Image: DAUP-CENG-QU).

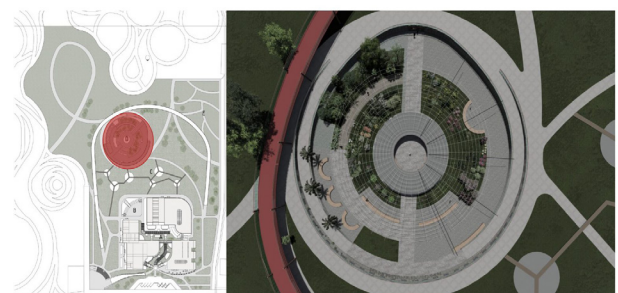


Saaeda Al Bader's Avian Center that won her 1st Prize in CENG Senior Project Awards, 2021 and 3rd Prize in AEB Architecture Excellence Award, 2021 (Image: DAUP-CENG-QU).

## SENSORY PARADISE GARDEN

Inspired by Islamic Paradise garden which is a walled garden with inward looking layout. Water is usually used as a dividing element and is typically divided into four.


This sensory garden adopts that idea by incorporating a glass cube water feature that acts as a centerpiece. It also provides several vegetation representing different zones including Mediterranean and open woodland which helps enrich the sensory stimulation of the user.



Farsana Abdullakutty's 'Non-visual collaborative center' that won her CENG special impact award (Image: DAUP-CENG-QU).



# Muneera Al-Hail



COLLEGE OF ENGINEERING  
DEPARTMENT OF ARCHITECTURE AND URBAN PLANNING  
ARCT 512 / Senior Project  
Spring 2021

# The Patchery Plaza

Muneera Alhail 201402663

**Mission:**  
"Where there is ruin, there is hope for a treasure."

**Vision:**  
Designing upcycling Arts center will have many benefits that can be visualized in the four pillars of Qatar National Vision 2030.

Economic

Human

Environment

Social

**Objectives:**

Encouraging people to know and practice upcycling, focusing on engaging them in the re-birth process of each item.

Creating an oval interactive community space which promote communication between community users

Changing the community habits in profusion and their perspective toward using upcycled.

**Theoretical context..**

High Living Standards

Oil and wealth

6,600 ton/day

4Rs waste management pillars.

94% goes to landfill

Achieved by Art

Side effects

people Satisfaction

**Clients**

**Main Client**  
Art, Design, Galleries..  
Un-wasted Campaign

**Secondary Client**  
Materials, Charity work  
Tall Campaign

**Target Users**

**Scope**

1 Processing Journey

Collecting -> Sorting -> Storing -> Making

2 Magical Outcome

Exhibition -> Shopping -> Donation & Auction

3 Strong Bond

Socializing spaces -> Facilities -> Entertainment

Broken, waste, bad condition items.

1- Metals 2-Wood  
3- Textile and leather 4- Plastic  
5- Papers & Cardboard

5 main workshops assembly workshop

**Stakeholders**

I. Main Client  
Aldona Almesad  
(Organizer of Unwasted Campaign/ Qatar Museums).  
-Presentation and Interview  
-Challenges, needs, interests.  
-Programming & overall design.

II. Secondary Client  
Ali Buzzuwail  
(Head Manager/ Qatar Charity).  
-Interview  
-Donations, challenges, needs.  
-Collection, sorting, storing, donations program, materials.

III. Community Engagement  
-Online Questionnaire  
-Interests, needs, background, expectations, point of view.  
-Overall design, items, community spaces, facilities.

**Literature Review**

History -> Areas -> Trends -> Benefit

**Precedent Studies**

1 Seoul Recycling Plaza  
Location: Seoul, South Korea  
Project Type: Cultural, exhibition

2 Sydhamns Recycling Center  
Location: Copenhagen, Denmark  
Project Type: Public Facility

3 Academy of fine arts Wroclaw  
Location: WROCLAW, POLAND  
Project Type: Visual arts center

**Site Selection..**  
Idaa Park, Zonal Level

Natural Valley Preserved Land

Sustainable Park

1 km

Neighborhood Level

Family Park

Culture and History Park

1 km

**Neighborhood**

Qatar Sport club restaurants

Qatar tennis club

Fire station art venue

Ministry of interior

Hamad medical complex

Civil defense (will be demolished)

Tennis/ basketball/ football courts

Qatar National theater

Qatar Post Office

**Accessibility and Circulation**

Metro station (Redline, first stop after msheireb main metro station)

B1+B2 Underground parking total of 750 cars in each side.

Bus stop

Vehicular circulation

Pedestrian bridge connects all three parks

Golfcart ramp from parking

**Criteria Accessible**

For maximum type of users

Surrounding Projects

Art Venues Workshops Industrial Area

**Views**

West, Ministry South, Park

**Networks and access**

1 2

**Socio-Cultural**

Commercial Entertainment Sustainable Gathering

**Utilities and Features**

East, Skyline Northeastern, Skyline

**Climate and Sensory analysis**


5% Man made artificial slope 25,000 sqm

50m Cornich, 1 km away. Sea Breeze NW prevailing wind

Dust Noise Pollution

25.5 m 17 m Cornich Sea

Dry Soil

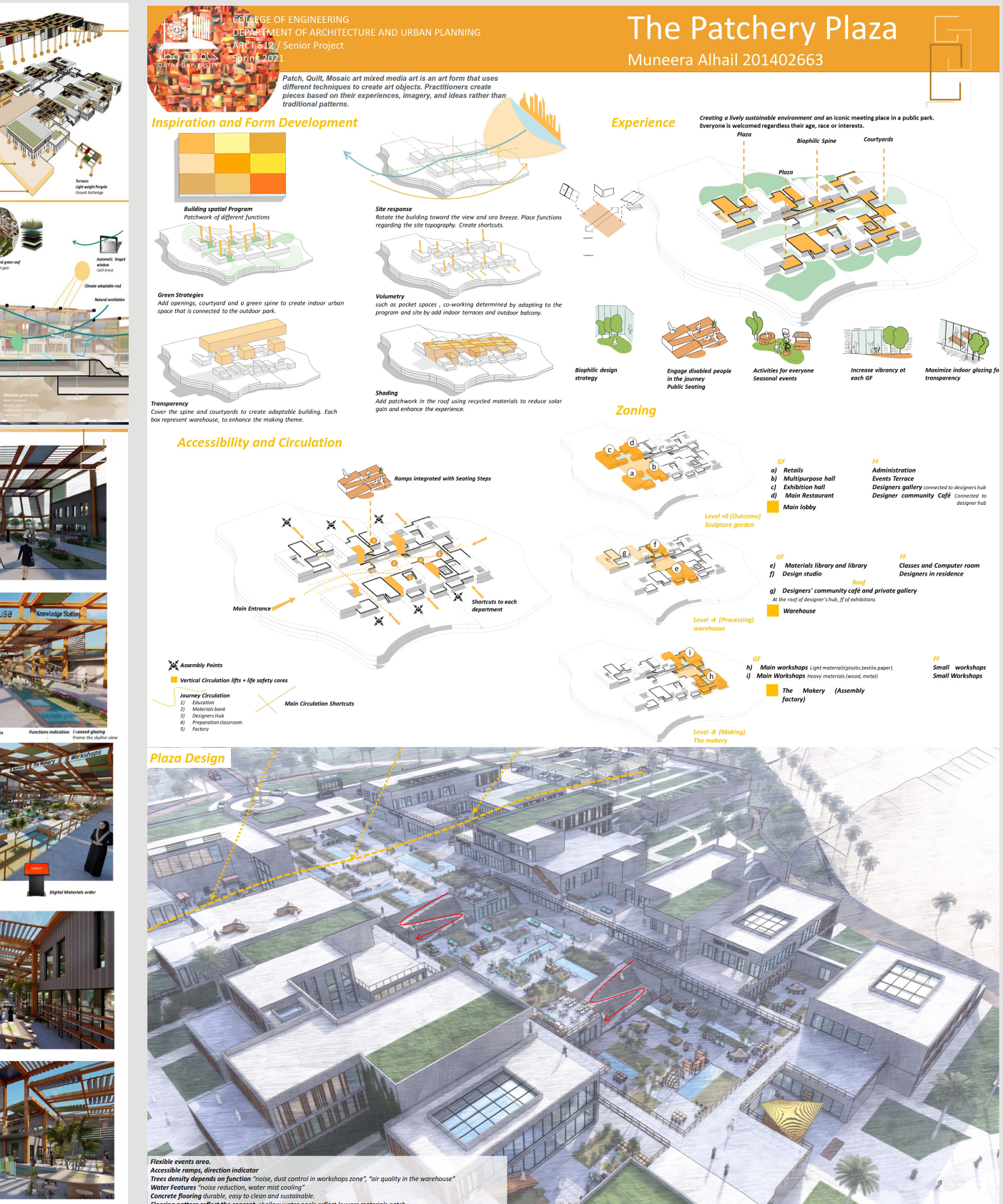




## PROJECT FEATURE: ARCT 512-SENIOR PROJECT

## The Patchery Plaza

center, resource library, edutainment center and a safe space where creative people can gather. She targets the community living space in a park with bio-phililia, transparency and transition spaces as her core design strategies.

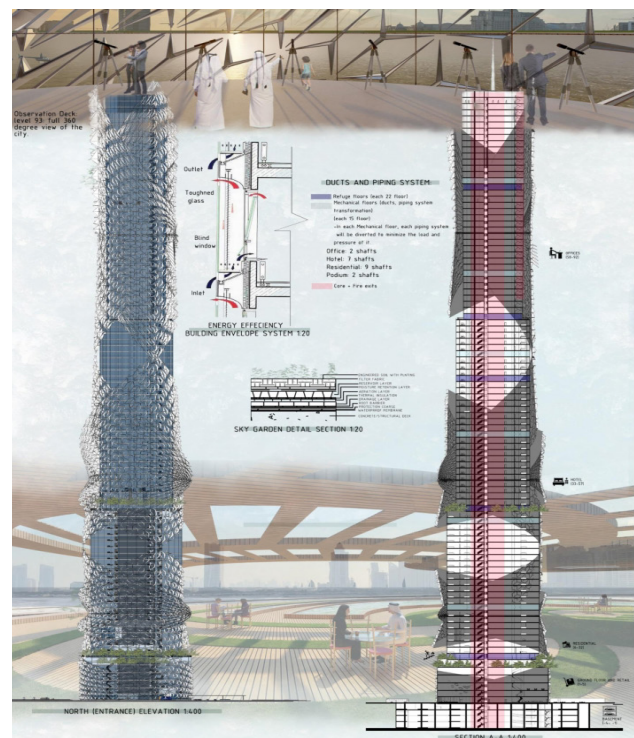
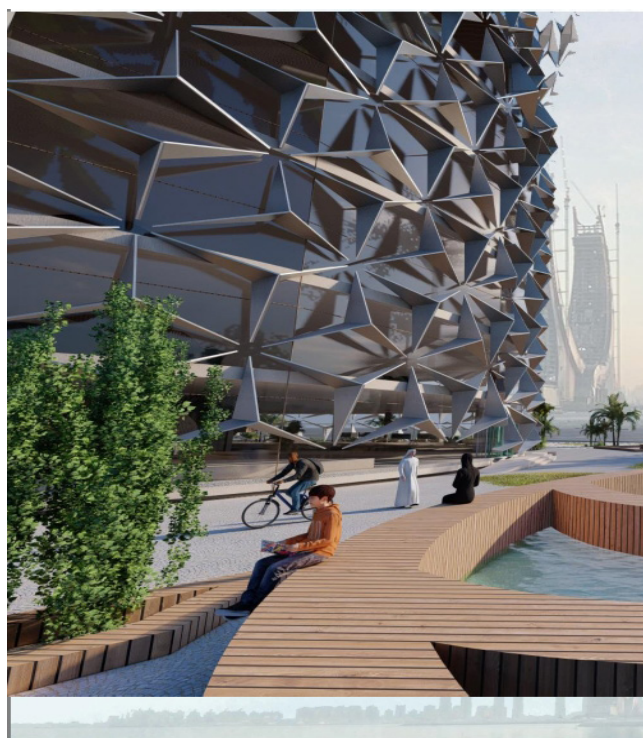
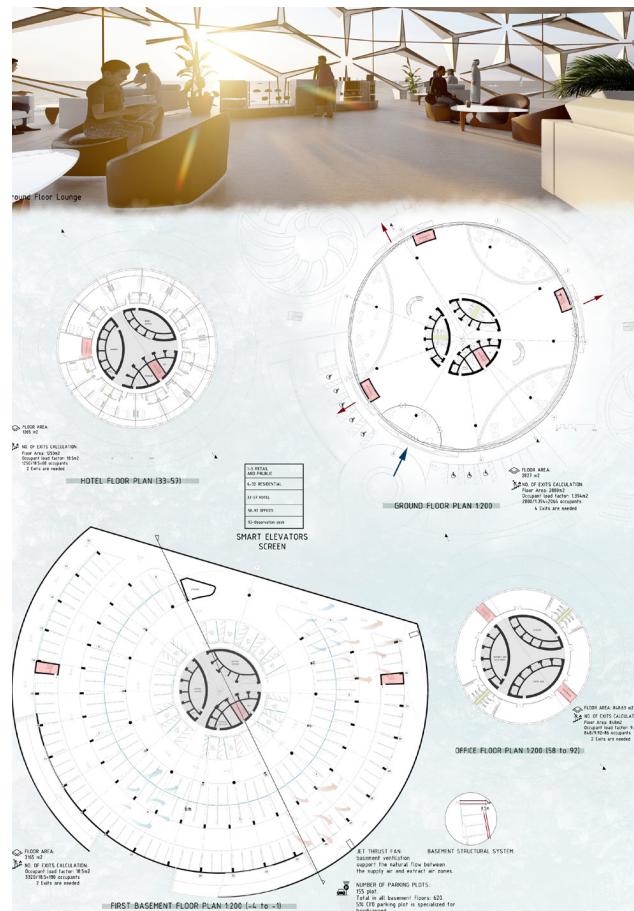
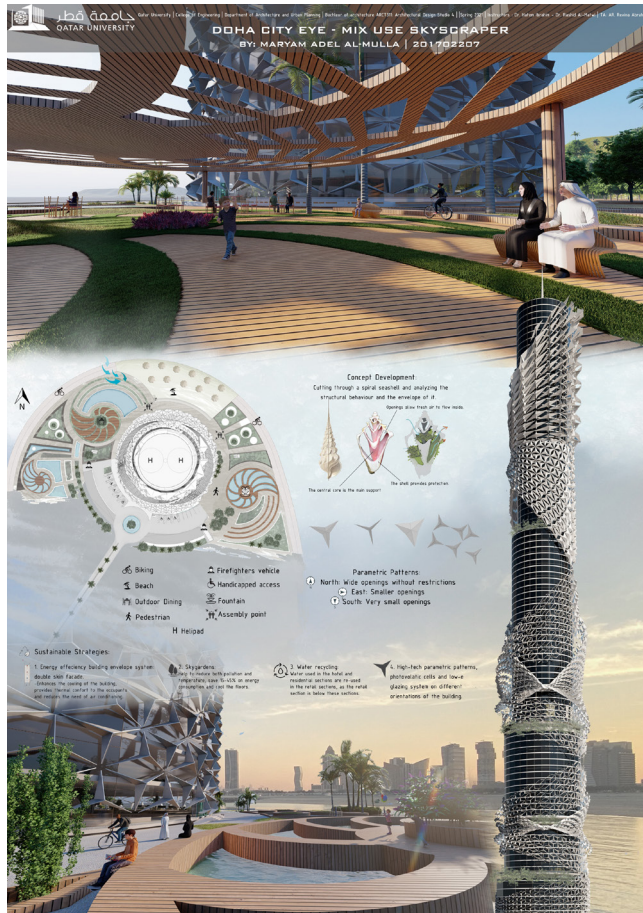




## STUDENT WORK: ARCT 311-ARCHITECTURAL DESIGN STUDIO 4

# Maryam Adel Al Mulla's Doha City Eye

Doha City Eye is a mixed-use skyscraper inspired from the workings of a half cut spiral seashell. Maryam draws inspiration from the seashell to conceive a central spine with parametric photo-voltaic cell facade screening the spine in an organic fashion.





## DEPARTMENT PROJECTS

# Peer Review initiated at DAUP

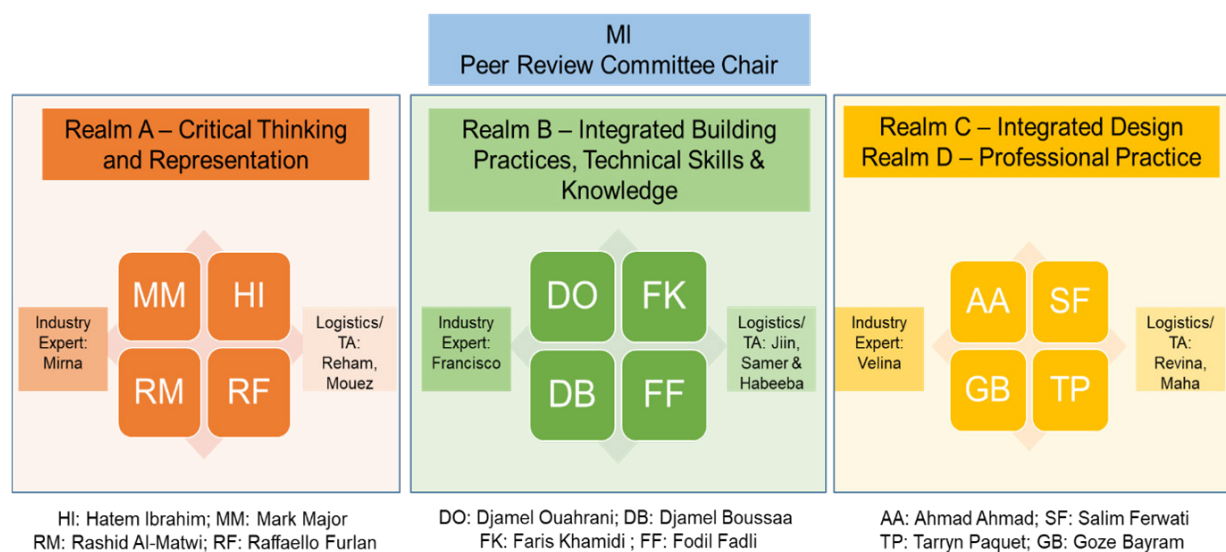
The DAUP put in place a peer review (PR) process for Fall 2021 onwards, using the teaching squares. This was done after extensive department-wide consultations and brainstorming. Dr. Madhavi Indraganti led this sub-committee with a team of four faculty members, Dr. Raffaello Furlan, Dr. Ahmad Ahmad, Dr. Goze Bayram and Ar. Samer Osman.

A teaching square (TSQ) is a group of teachers reviewing the courses collectively for the teaching and learning effectiveness (Figure 1). The DAUP formed three teaching squares, one each for NAAB Realms A and B and another for Realms C and D. Each TSQ had about four faculty members and two teaching/lab assistants for logistic support. All the TSQs involved the guest faculty members to bring in the industry perspective into the evaluation.

The PR process was simple and effective. The TSQs met twice a semester once during the mid-term,

and again at the end of the semester for the whole day, on each occasion. The PR team provided a Sharepoint folder for uploading the course material such as syllabus, teaching material, assessment tools and the students' course outcomes. This was accessed by TSQs on the PR day. In the first half of the day, the TSQs reviewed the courses for quality and suitability of the submitted material with respect the NAAB student performance criteria and prepared a written feedback. Further, TSQs provided constructive feedback to all the FMs in a joint post-lunch session.

These feedback sessions allowed open discussions and debate on all the courses' achievements, expected quality and paved way to address the deficiencies in a faster and effectual manner.



The three teaching squares (TSQ) for Fall 2021



TSQ Realm B

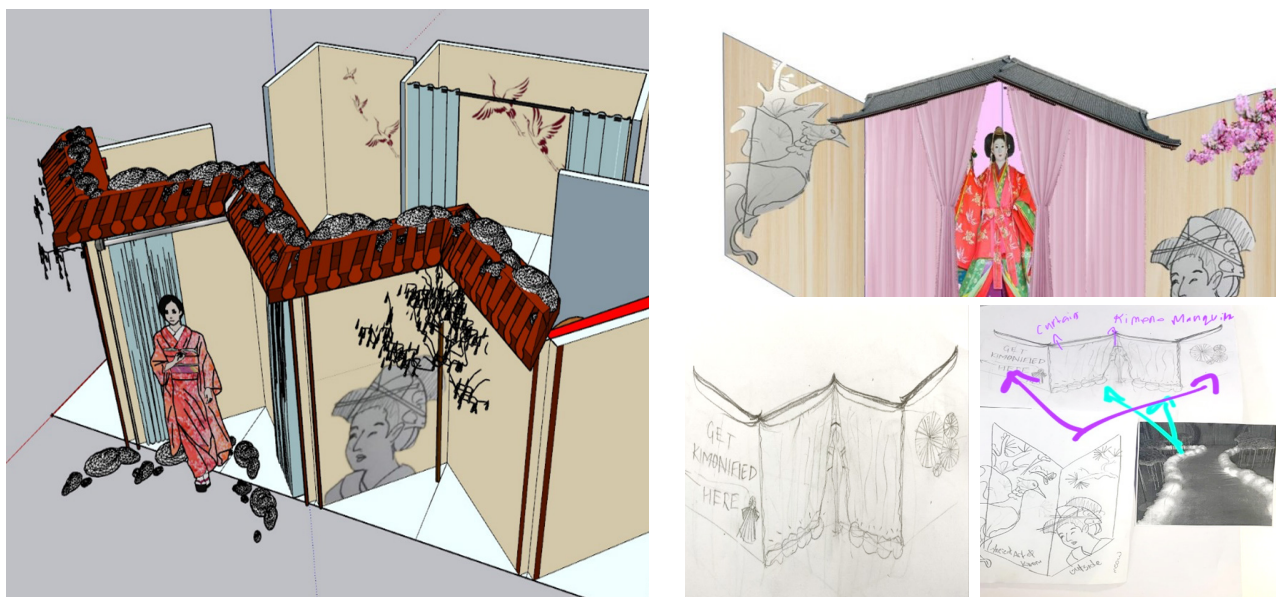


Joint post-lunch briefing session

## EVENT FOCUS:

## QU Japanese Club all set to celebrate 'A Day in Nihon'

QU Japanese club will celebrate a 'A Day in Nihon' event which symbolizes the Japanese culture by hosting different activities such as food stalls, video games, manga corner, kimono booth and many more. The president of the Japanese club, **Ms. Rahma Waleed** is an architecture student. The planning of a booth for the event began from Fall 2021 and will be finalized by the month of March. Several meetings have been held along with architecture students from year 1 to year 4 as well as students from different majors for discussing the ways to connect the theme of the event to the final design. The final design was a combination of the design ideas of Mariam (science student), Tasnim Khammash and Liya Mariyam (first year B.Arch students).



Design of the Japanese booth for the event 'A Day in Nihon' under the QU Japanese club designed by architecture students Tasnim Khammash and Liya Mariyam (first year) along with Mariam (science student).

## Grants Awarded in Fall 2021

Dr. Rashid Al- Matwi, Dr. Raffaello and Dr. Goze Bayram were awarded a National Capacities Grant (Stage 2 - 2022/2023) at the end of the Fall Semester. The project is titled 'Investigation of New Transit Relationship, Orientation to Development and User Capacities, Experiences and Space-use in Doha (Introduces-Doha): A Demonstration Project' DAUP Msc. in Urban Planning Alumni Khalida Lifam Marthya, DAUP-CENG-QU is hired as research assistant for the grant.

Dr. Mark Major had a Collaborative Grant at the end of the Fall Semester.

Major, M.D., LPI, Furlan, R., PI, Kharbeche, M., PI. Generation and Evolution of Neighborhoods Investigated as Urban System Localities of Configurational Inequalities (GENIUS LOCI): Using Space Syntax to Understand Urban Centrality and Neighborhood Structure in Doha, Qatar University Collaborative Grant with Heba O. Tannous, DAUP-CENG-QU, Velina Mirincheva, ARRUS International WLL, Qatar Transportation and Traffic Safety Center (QTTSC), MUPD Student Dana M. Al-Amadi, DAUP-CENG-QU, and BArch Student Louna H. Albatarani, DAUP-CENG-QU. QUCG-CENG-22/23-472 (QAR 210,000) Start Date: 15 January 2022. Project Duration: 24 months. Status: In Progress.

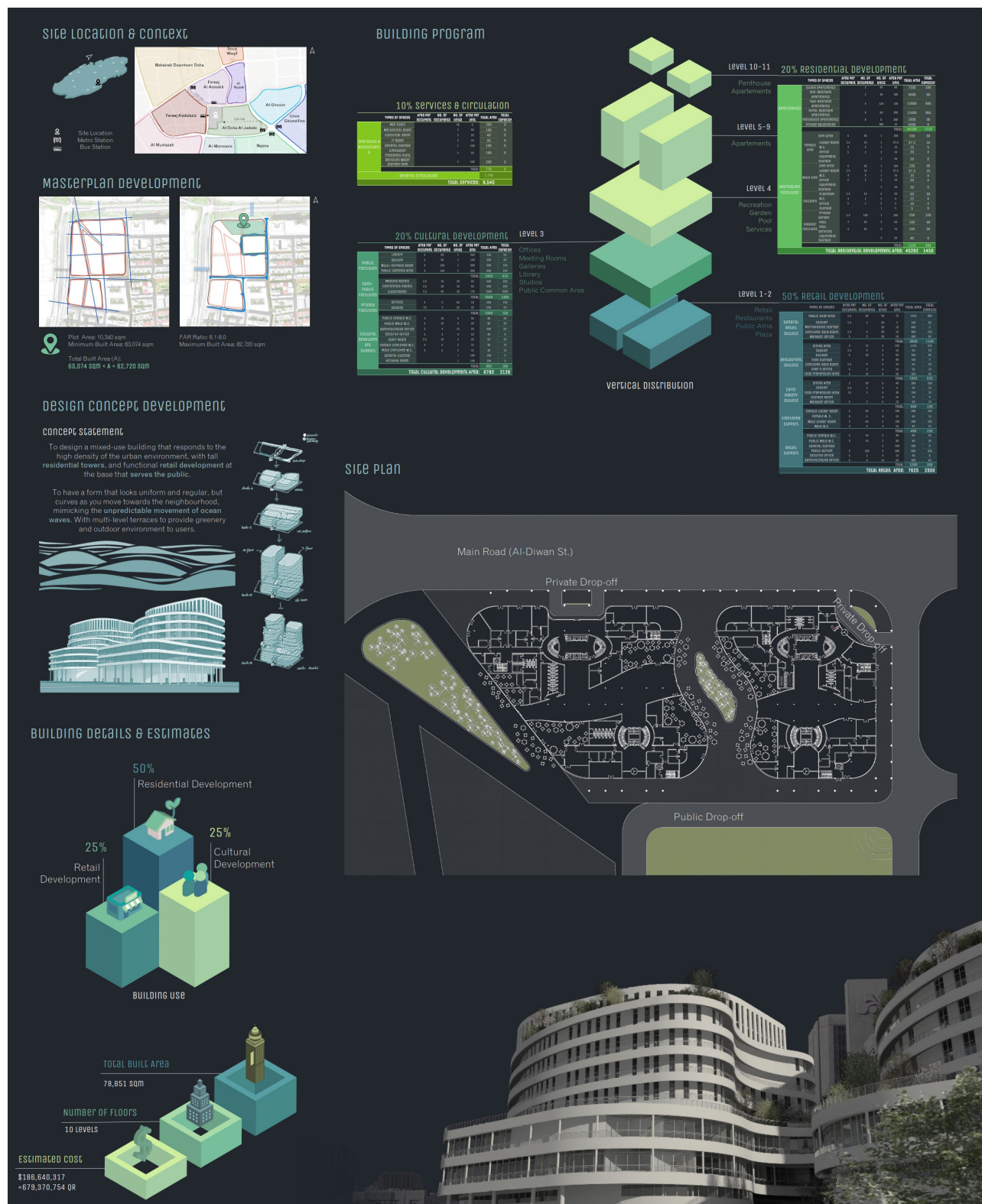
Dr. Goze Bayram was awarded two Student Grants by QU CENG Cycle (1) 2022 to study the 'Impact of Artificial Lighting in Livability of Public Spaces : Case of Museum of Islamic Art Park, Doha' and 'Impact of Artificial Lighting in Livability of Public Spaces : Case of Souq Waqif Public Square, Doha' including students Aldana Mohammed A M Albuaainain, Aisha Rashid E A Al-Muhannadi, Hissa Ahmad S.S Al-Hashemi. Students Involved: Sara Abdulla M Al Al-Obaidli, Haya Nasr A M Aljehani, Noor Hamad Hassan Almalki Aljehani.

Dr. Tarryn Paquet was awarded a Student Grant by QU CENG Cycle (1) 2022 to publish student, Ola Alhawari's, senior project concept. This joint and interdisciplinary project is entitled, "Making a Case for Preventative Resilience: A Family Wellness Centre in the Wake of the Covid-19 Pandemic, Doha Qatar". Students Involved: Ola Alhawari, Shams Allawi, and Liya Maryim.

## PROJECT FEATURE: ARCT 411-DESIGN STUDIO 6

# Aisha Jamali's Mixed Use Sustainable Development

Aisha's design of the mixed use sustainable tower is conceptualized to mimic the organic waves in its design concept. It includes multi-storied residential towers, retail units and a separate block for cultural development. She utilizes multilevel terraces, grey water recycling and solar panels as sustainable design response.





## EXHIBITION FEATURE | FACULTY IN FOCUS

# Pearls of Wonder: A digital era

**Qatar USA years of culture exhibition by Mohammed Faraj Al Suwaidi, Dec 14-20, 2021**

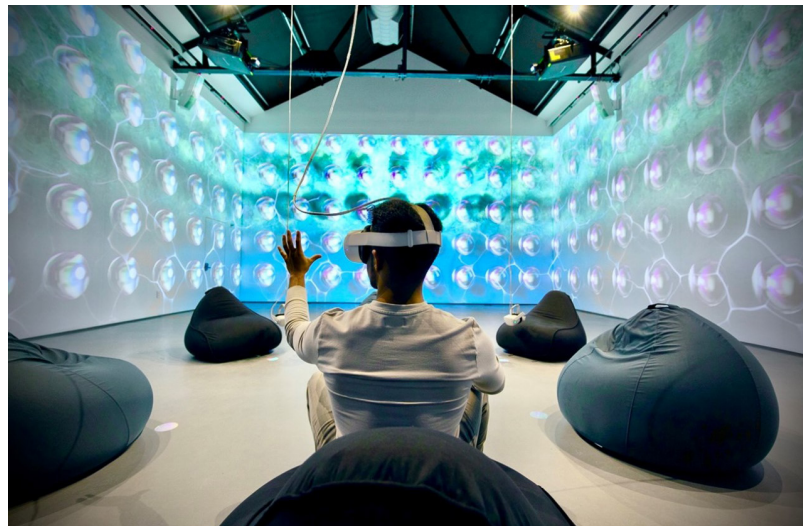


Mohammed Al Suwaidi's work 'Bubbles and Pearls' was featured in the Pearls of Wonder: A digital era exhibition held from Dec 14-20, 2021 at New York. The exhibition explores and recounts the history of pearl diving in Qatar using immersive and captivating digital art inspired from Qatar's rich and involved history of pearl diving which is vastly intertwined within the country's traditions and culture.

The exhibition showcases the digital art of 5 Qatari Artists via video, audio and VR, creating a sensory experience that evokes a time when Qatar was the most important pearl producer in the world. The tradition of pearl diving, and its subsequent trade, paved and shaped the economic history of the whole region.

Bubbles & Pearls explores the concept of time and evolution. Pearl diving was one of Qatar's main industries until the early 1930's. Pearl diving was risky and physically taxing. The lack of oxygen, the fast change in water pressure and surrounding marine predators made pearl diving a very dangerous profession. Despite the danger, however, the high value of pearls made pearl diving a profitable industry. This art installation conceptualizes the progression of pearls' value throughout time. This journey leads to the introduction of natural gases and utilization of petroleum, marking an end to the pearling industry and a new beginning in Qatar's development.

Mohammed has a BA and MA in Architecture and is currently pursuing his PhD in Digital Architecture at the University of Liverpool. He is currently a Teaching Assistant at DAUP and has taught studios and other courses in the year 2020 and 2021 before taking off to pursue his Ph.D in Architecture. We are very proud of Mohammed and wish him more success in the years to come!



## DEPARTMENT PROJECTS

# Architectural Design Studio Tutorial developed

The DAUP designed an Architectural Design Studio Tutorial booklet in Fall 2021 as a guide to help students navigate design studio as well as other course requirements in a comprehensive manner. The booklet was developed under the guidance of Dr. Rashid Al Matwi and Dr. Raffaello Furlan jointly by DAUP students Reem Awwaad, Khalida Lifam Marthya and Labeeb Ali Ellath under the Grant QUCP- CENG -2021-2. The first edition of the booklet is available to the students since Jan 2022.

The booklet includes illustrative description of Student Performance Criteria (SPC) established by the National Architectural Accrediting Board (NAAB). Each architecture graduate is expected to possess the knowledge and skills defined by the SPC. SPC are defined in four realms, Realm A- Critical Thinking and Representation, Realm B- Integrated Building practices, technical skills and knowledge, Realm C- Integrated Architectural Solutions and Realm D- Professional Practice. In addition to a detailed description, the booklet also includes book suggestions and video links for further reading on an SPC.

The booklet also contains interesting sketches in conceptual stage, design development stage and

technical drawing stage to encourage students to sketch and develop their ideas in design studio projects.

Portfolio design layouts and several visualization compositions are also included in the booklet. Overall, the booklet is aimed as an easily accessible studio companion to the students.



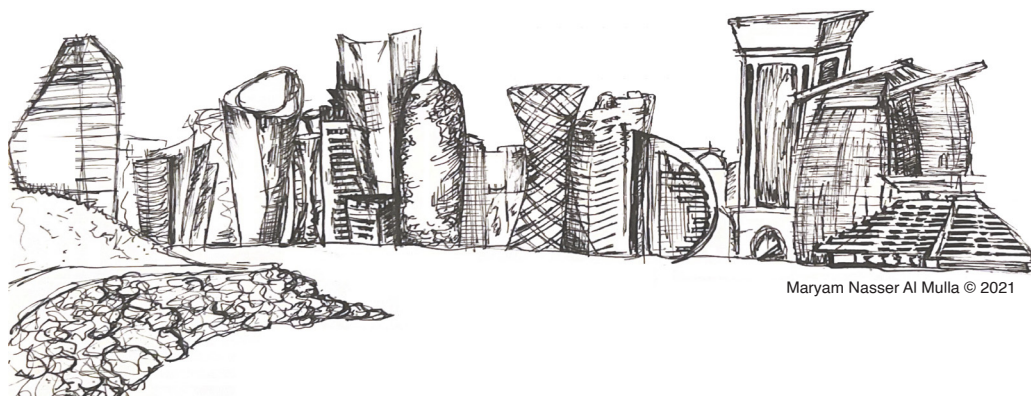
Cover page of the Architectural Design Studio developed in Fall 2021 (Image: DAUP-CENG-QU).

## News Bits

**Dr. Raffaello Furlan, Dr. Fodil Fadli and Dr. Salim Ferwati** were promoted to Associate Professor in Fall 2021. Congratulations to all three professors!

DAUP welcomed new professors **Dr. Goze Bayram and Dr. Tarryn Paquet** for Fall 2021.

**Reem Awwaad** joined as a new graduate assistant/ Ph. D student at DAUP in September 2021.



Maryam Nasser Al Mulla © 2021



## About QU-AIAS

The QU-AIAS is an independent, nonprofit, student-run organization dedicated to providing unmatched progressive programs, information, and resources on issues critical to architecture and the experience of education. The AIAS aims to promote excellence in architectural education, training, and practice; to foster an appreciation of architecture and related disciplines; to enrich communities in a spirit of collaboration; and to organize students and combine their efforts to advance the art and science of architecture. Our mission is advancing leadership, design, and service among architecture students.

QU-AIAS membership supports architecture students in our department but also across the United States and academic programs around the world. QU-AIAS promote excellence in architecture education, and training. Architectural practice is constantly evolving. A large part of that evolution happens in schools. A pedagogy that promotes experimentation and exploration above all. AIAS members understand their role in the profession as leaders. Not the future of the profession but the now. Programs like Freedom by Design, CRIT and Grassroots mentorship empower students to own that role. We foster an appreciation of architecture, design and related disciplines in departmental events, annual gatherings, and regional conferences, providing students with the opportunity to learn about the issues facing our world, to meet students and professionals with common interests, and to interact with some of today's leading architects and designers.

QU-AIAS enrich communities in a spirit of collaboration through the Freedom by Design™ program and other community outreach, we are empower our members and students as a whole to be good citizens on their campuses and in their communities. We organize students and combine their efforts to advance the art and policy of architecture by being the sole student voice in the collateral discussion and decision-making process that includes The American Institute of Architects (AIA), The Association of Collegiate Schools of Architecture (ACSA), The National Council of Architecture Registration Boards (NCARB) and The



National Architectural Accrediting Board (NAAB). Annual membership dues are \$60. You can join the QU-AIAS online at <http://www.aias.org/membership/#join>. Follow QU-AIAS on Instagram @aias\_qu.

## Join QU-AIAS and Get Involved Today!

### AIAS MEMBERSHIP Registration 2021/2022

The registration is open to all architecture students who want to join the organization.

<b>Time:</b>	
Monday 25th, October 2021	12:30   02:00
Tuesday 26th, October 2021	12:30   02:00
Wednesday 27th, October 2021	12:30   02:00

<b>Location:</b>	
College of Engineering - C07	Infront of Printer Room

**Registration Requirements:**  
220 QR

WE WELCOME ALL QUESTION AND SUGGESTIONS REGARDING QU AIAS CHAPTER.

### YOUR QU-AIAS LEADERSHIP TEAM

President	Bashayer Al-Naimi
Vice President	Razan A.M. Abdelaziz
Secretary	Aljazi Al-Banai
Treasurer	Asmma Al-Romole
<u>Board of Directors</u>	
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Third Year Rep.	Haya Alhejani
Second Year Rep.	Sara Al-Baker
First Year Rep.	Hind Alyafei
Past President	Maryam Al-Nuaimi





**MENA Space Syntax Webinars**  
Second Wednesday of Each Month at 4:00 AST (Arabian Standard Time)  
2:00 GMT (before 31 Oct) / 1:00 GMT (after 1 Nov)

**Mark David Major**  
**The Doha Syntax & More** with Deepthi John, Qatar University  
Qatar University  
11 August 2021  
[Click here to join](#)

**Wafa Al Ghatam**  
**GCC Housing & Heritage** with Asmaa Al-Mohammed, QU  
University of Bahrain  
8 September 2021  
[Click here to join](#)

**Chaham Alalouch**  
**Latest Research from Oman** with Habiba O. Tannous, QU  
Sultan Qaboos University  
13 October 2021  
[Click here to join](#)

**Ayşe Sema Kubat** with Jin Bork/Mark David Major, QU  
**Urbanism in the MENA Region**  
Istanbul Technical University  
10 November 2021  
[Click here to join](#)

**Kayvan Karimi**  
**Space Syntax Today in MENA** with Velina Miricheva, QU  
University College London  
8 December 2021  
[Click here to join](#)

Hosted by the Department of Architecture and Urban Planning, College of Engineering at Qatar University

*MENA Space Syntax Seminar for Fall 2021 featuring Mark David Major, Wafa Al Ghatam, Chaham Alalouch, Ayse Sema Kubat and Kayvan Karimi.*



**Billie Teshich**  
Al Asmakh Real Estate

Billie Teshich is known by many in the industry as a mentor, leader and catalyst for change. She is a Projects Director with Al Asmakh Real Estate, one of the biggest property developers in Qatar. Billie holds a Masters in Engineering, Construction Project Management. She also is a President of NAWIC (National Association for Women in Construction) Qatar.

**Lecture Title:**  
**Opportunities, Networks and Support Systems for Women in Architecture and Construction**

**18 October 2021**  
12:30 - 14:00  
Auditorium, room C07-178

As part of Billie's commitment to increasing diversity, Billie through NAWIC focuses on raising awareness on diversity and inclusivity within the industry, on making the industry more welcoming to young women and providing a platform for support and development accessible to every women in the industry.

*Opportunities, Networks and Support Systems for Women in Architecture and Construction by Billie Teshich to raise awareness and inclusivity within the industry.*



**Patrik Schumacher**  
Zaha Hadid Architects

**Lecture Title**  
**Notes on Cyberspace**

Cyberspace is where much of the architectural action and innovation will be happening in the coming period. Any design project in this space involves the three parts of the architect's project I have distinguished in my theory of architecture: the organisational project, the phenomenological project and the semiological project. In the context of Cyber-space I must add the dramaturgical project which will also be increasingly required for the design of physical spaces. The semiological project is crucial: While all urban spaces are also information-rich navigation and interaction spaces, this information-rich communicative charge and capacity is the very essence of all cyberspaces. To design architectural projects, real or virtual, implies the development of a spatio-visual language, with a much enhanced communicative capacity, to create navigable and legible information-rich environments for multiply layered societal interactions, purposes and audiences.

**November 3, 2021**  
12:30 - 14:00 Public lecture  
<https://qu-edu.webex.com/qu-edu/j.php?MTID=m10fab43e85c7bcb48848d663c23c0547>  
Room 175 (upon booking only)  
For more information | [t.paqet@qu.edu.qa](mailto:t.paqet@qu.edu.qa)

**Patrik Schumacher**  
Principal Zaha Hadid Architects

**Biography**  
Patrik Schumacher is principal of Zaha Hadid Architects. He joined Zaha Hadid in 1988 and was seminal in developing Zaha Hadid Architects to become a 400 strong global architecture and design brand. Patrik Schumacher studied philosophy, mathematics and architecture in Bonn, Stuttgart and London. He received his Diploma in architecture in 1990. He has been a partner since 2003 and a co-author on all projects. In 2010 Patrik Schumacher won the Royal Institute of British Architects' Stirling Prize for excellence in architecture together with Zaha Hadid, for MAXXI, the National Italian Museum for Art and Architecture of the 21st century in Rome. He is an academician of the Berlin Academy of Arts. In 1996 he founded the Design Research Laboratory at the Architectural Association in London where he continues to teach. In 1999 he completed his PhD at the Institute for Cultural Science, Klagenfurt University. Patrik Schumacher is lecturing worldwide and recently held the John Portman Chair in Architecture at Harvard's GSD. Over the last 20 years he has contributed over 100 articles to architectural journals and anthologies. In 2008 he coined the phrase Parametricism and has since published a series of manifestos promoting Parametricism as the new epochal style for the 21st century. In 2010/2012 he published his two-volume theoretical opus magnum "The Autopoiesis of Architecture". Patrik Schumacher is widely recognized as one of the most prominent thought leaders within the fields of architecture, urbanism and design.

*Public Lecture 1: Notes on Cyberspace by Patrik Schumacher, Zaha Hadid Architects*



**Graduate Research Projects @ DAUP**

**DR. RAFFAELLO FURLAN**  
**ARCH. KHALIDA LIFAM**

Discussion on research projects that can be continued in collaboration with students

**1 Sept. 2021**  
12:30 - 14:00

**كلية الهندسة**  
College of Engineering  
QATAR UNIVERSITY

*Discussion on Graduate research projects and mentoring students for a fruitful collaboration by Dr. Raffaello Furlan along with Ar. Khalida Lifam Marthya*