

Nabil Ibrahim Mohareb (MSc, Ph.D.)

Dr. Nabil Mohareb is an Associate Professor; he has more than ten years of administrative experience as the Head of Faculty branch of Architecture- Design & Built Environment in a newly established branch (2010) in Tripoli campus- Beirut Arab University, Lebanon. Under his administration, the Faculty branch has gained the RIBA (Royal Institute of British Architect) unconditional international validation of Part I and Part II, the initial visit was in 2017 and the final visit with the decision in 2018.

His research is focusing on the relationship between comprehensive architecture and sustainable urbanism; he is interested in social behaviour activities, their mutual effect on both spatial and economic variables in architectural design and their interrelationship with urban spaces using digital simulation in forecasting their movements and behaviour using GIS & space syntax theory and tools. He has developed and planned an area of personal research, which is reflected in his several published papers in refereed journals and international refereed conferences, in addition to the work of his postgraduate students. Dr. Nabil has participated in number of international funding research related to understanding social behaviour activities.

With regards to his teaching experience, Dr. Nabil has worked for a number of distinguished universities in Egypt, United Arab Emirates and Lebanon. Over the past twenty years of teaching experience, he has gained an understanding of dealing with multinational and multicultural environments. Recently, he is using 'Design-Build' method in post-graduate design studios to involve the students more with the sustainable construction industry (digitally and traditionally).

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| Current post | Associate Professor Director of the Faculty Branch in Tripoli Faculty of Architecture – Design & Built Environment Beirut Arab University, Tripoli Campus, Lebanon |
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| Personal Website | http://nmoharel.wix.com/mohareb |
| E-mail | n.mohareb@yahoo.co.uk n.mohareb@bau.edu.lb |
| Current Address | Beirut Arab University- Tripoli Campus – Cornich El-Mina, Faculty of Architecture – Design & Built Environment. P.O. Box 11 50 20 Riad El Solh 11072809 - Beirut, Lebanon |
| Nationality | Egyptian |

Academic Background

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| 2020 | Honorary Research Fellow Winning the University of Liverpool Virtual Fellowship Programme Award for 2020 |
| Accomplished 2015 | Doctor of Philosophy in Architecture School of Architecture, University of Liverpool, Liverpool, UK |
| Accomplished 2008 | Doctor of Philosophy in Architecture / Urban design Faculty of Engineering, Alexandria University, Alexandria, Egypt |
| Accomplished 2003 | Master of Science in Architecture Faculty of Engineering., Alexandria University, Alexandria, Egypt |
| Accomplished 1997 | Bachelor of Science in Architecture (five years professional degree) Faculty of Fine Arts, Alexandria University, Alexandria, Egypt |

1- Research activities

a- Publications in Refereed International Journals/ book chapters

- 2021** Mohareb, N. & Yamaq, G. 2021. To build or not to build: the design-build approach in architectural education In: Harriss, H. & Salama, A. (eds.) *The Routledge Companion to Architectural Education in the Global South*. Routledge. (in progress)
- 2020** S Maasarani, N Mohareb, M Rabea Abdelbaset Proposing a Solid Waste Management Plan in Tripoli, North Lebanon: An Individual Awareness Based Solution. *Regional Science Policy & Practice*, Wiley. <https://doi.org/10.1111/rsp3.12380>
- 2020** Mohareb, N. Salem, G. ElSamahy, E Disseminating the Living Story: Using Digital Platforms Youth Awareness of Beirut's Contested Heritage (in progress)
- 2020** Mohareb, N. 2020. Has an Urban 'New Normal' become Necessary following the Corona Pandemic? *Architecture and Planning Journal (APJ)*: Vol. 26 (2), Article 5.
- 2020** El-Cheikh, S. Felix, M. Mohareb, N. El-Bastawissi, I. Y. 2020. 'Investigating the relationship between user's densities and functions distribution on Mediterranean waterfronts: Statistical analysis approach.' *Architecture and Planning Journal (APJ)*: Vol. 26 (1), Article 3.
- 2020** El-Cheikh, S. Felix, M. Mohareb, N. and El-Bastawissi, I. Y. (2020) 'Monitoring participatory approaches in Mediterranean waterfront developments (El Mina, Lebanon; Alexandria, Egypt; and Antalya, Turkey),' *BAU Journal - Creative Sustainable Development*: Vol. 1: Iss. 2, Article 5. Available at: <https://digitalcommons.bau.edu.lb/csdjournal/vol1/iss2/5>
- 2019** Mohareb, N. Samahi, E. Felix, N. 'A child-friendly city: a youth creative vision of reclaiming interstitial spaces in El Mina (Tripoli, Lebanon).' *Creativity Studies*, 12(1), 102-118. <https://doi.org/10.3846/cs.2019.6171>
- 2019** Mohareb, N. Maassarani, S. 'Assessment of street-level noise in three different urban settings in Tripoli.' *Urban Climate*, 29. <https://doi.org/10.1016/j.uclim.2019.100481>
- 2018** Mohareb, N. Omar, O. 'Monitoring daily mobility patterns for university students using GPS tracking: Tripoli as a case study.' In *BAU Journal: Health and Well-being, special edition: 1st International Conference on Urban Health & Wellbeing UHWB2018 Building Collaborative Intelligence for Better Lives in Cities*, 1(1): 15-23.
- 2018** Belok, F. Mohareb, N. Rabea, M. 'Recommendation for designing healthier kids.' In *BAU Journal: Health and Well-being, special edition: 1st International Conference on Urban Health & Wellbeing UHWB2018 Building Collaborative Intelligence for Better Lives in Cities*, 1(1): 453-465.
- 2018** Mohareb, N. Maassarani, S. 'Design-build: an effective approach for architecture studio education.' *Archnet-iJAR* 12 (2): 146-161
- 2018** Mohareb, N. 'Historical edge assessment: Spatial comparative analysis.' *Architecture and Planning Journal (APJ)* 24:
- 2017** Mohareb, N., & Felix, M. Affordable and Common Modes of Transportation in Developing Cities and Their Effect on the Sustainability of Streets. *Procedia Environmental Sciences*, 37, 319-329.
- 2016** Mohareb, N. 'Searching for urban patterns; an assessment of historic edges and its surrounding context: Historic Cairo as a case study.' *Archnet-IJAR* 10 (2): 67-89.
- 2016** Mohareb, N. Parallel learning methods: standard curriculum versus intensive courses. In *Architecture and Planning Journal - special edition: The 1st international conference 'Rethinking Architectural Education'*, Beirut, Lebanon.

- 2012** Mohareb, N. Kronenburg, R. 'Spatial Analysis of Urban Edges in Arab Historic Walled Cities: Alexandria as a Case Study,' *Planning Perspective* 27:3, 439-452, Routledge
- 2011** Mohareb NI "Emergency evacuation model: accessibility as a starting point." *Proceedings of the Institution of Civil Engineers, Urban Design and Planning* 164 (4): 215–224, <http://dx.doi.org/10.1680/udap.2011.164.4.215>.
- 2010** Mohareb NI "Land use as a sustainability indicator for Arab cities." *Proceedings of the Institution of Civil Engineers, Urban Design and Planning* 163 (3): 105–116, doi: 10.1680/udap. 2010.163.3.105.
- 2009** Mohareb, N. "Street morphology and its effect on pedestrian movement in historical Cairo." *Cognitive Processing* 10 (2): 253-256.

b- Research funded Projects

- 2019 November-2020 July** Project International Partner, the project title is '(Re)Contextualising Contested Heritage: Building Capacity & Designing Participatory Approaches to Preserve Cultural Heritage By the Youth. Other partners are in Kosovo, Iraq and, Lebanon. Funded by Research England and GCRF in a cooperation between University of Leeds (UK) and Beirut Arab University. Main Principal investigator: Dr Gehan Selim, Associate Professor in Architecture & Urbanism and Project, University of Leeds, UK
Online site of the funded project:
<https://www.reconheritage.co.uk/about>
- 2017 (12 month project) Closing ceremony March 2018** Main Consultant for a multidisciplinary research grant project (Total Budget 74811 Euro and grant awarded 45000 Euro) funded by the 'SouthMed CV' and co-funded by the European Union under the Med Culture regional programme. The project team is the Faculty of Architecture- Design & Built Environment branch in Tripoli in cooperation with Safadi Cultural Centre and the Municipality of El Mina in Tripoli, Lebanon. (The project starts in January 2017). The project aims to empowering 30 Youth from El Mina City (Tripoli); advocate for an active citizenship recognized by local authorities; proactively understand the key urban functions; and to design their dream city model.
Online site of the funded project:
<https://nabilmohareb5.wixsite.com/ourcityourway>
- 2017** Main partner representing BAU in the academic partnership between the "Revolt in the Square (RIS)" research project based at **Queens University Belfast, University of Leeds** and the Faculty of Architecture at Beirut Arab University. RIS is a multidisciplinary collaborative project funded by the GCRF / PaCCS Conflict Theme and Interdisciplinary Research Innovation Award in UK.
Online site of the funded project:
<https://www.revoltinthesquare.org/copy-2-of-about-the-institution>
- 2007-2009** Co-Investigator-Achieving Socio-cultural Sustainability in the Design of the Government-sponsored Single-Family Houses in the UAE: The Case of Al Ain – A Research Project for The United Arab Emirates University, The Program of "Funding Individual Research Projects" [Grant no. 01-03-7-11/08] 2007. Due date by April 2009.

c- Book/ Guest Editor/Editor

- 2020** Member of the Editorial Review Board of **Open House International journal, Emerald Group Publishing**, ISSN: 0168-2601
- 2019** Editorial board member of 'BAU Journal – **Creative Sustainable Development**', International academic journal published by Beirut Arab University Press.
- 2019** One of the editors of the following book title: 'Conservation of Architectural Heritage (Advances in Science, Technology & Innovation)', publisher: Springer; 1st ed. 2019 edition (June 12, 2019), ISBN-10: 3030108708

- 2019** One of the editors of the following book title: ‘Cultural Sustainable Tourism (Advances in Science, Technology & Innovation)’, publisher: Springer; 1st ed. 2019 edition (June 12, 2019), ISBN-10: 3030108031
- 2018-present** Regional editor - Middle East and Africa for the International Journal of Architectural Research **Archnet-IJAR, Emerald Group Publishing**, ISSN: 2631-6862.
- 2017-present** Consulting Editor for the Architecture & Planning Journal (APJ) that is one of the publications of the Faculty of Architecture- Design & Built Environment, Beirut Arab University, Lebanon.
- 2017** Guest editor for the conference proceeding ‘Alternative and renewable energy quest’, Polytechnic University of Catalonia, Elsevier, **Spain**
- 2017-present** One of the series editors of ‘Advances in Science, Technology & Innovation (ASTI)’ published by Springer, ISSN: 2522-8714

d- Publications in Refereed International Conferences

- 2015** Mohamed, A., Mohareb, N. I, Social Networks in Space of Unplanned Settlements in Cairo Metropolitan Area. In 10th International Space Syntax Symposium, London, **UK**.
- 2013** Mohareb, N. I. Core/periphery spatial interrelation in historic cities: Tripoli (Lebanon) as a case study. In The Sustainable City VIII Conference. 2013, Putrajaya, **Malaysia**.
- 2012** Mohareb, N. I., Kronenburg R. Arab walled cities: investigating peripheral patterns in historic Cairo, Damascus, Alexandria, and Tripoli. In 8th International Space Syntax Symposium. 2012, Santiago, **Chile**.
- 2010** Mohareb, N. I., Kronenburg R. Living on the Historical Edges: Spatial Analysis for Arab Historical Walled Cities, Alexandria as a Case Study. In Heritage 2010, 2nd International Conference on Heritage and Sustainable Development June 22-26 2010. Évora, **Portugal**.
- 2010** Mohareb, N.I. Land Use distribution as a Sustainable indicator in Arab Cities. In Conference on Technology and Sustainability. 3-6 January 2010. King Saud University, **KSA**.
- 2009** Mohareb, N.I. Re-reading Historical Cairo: Spatial Configuration Transformation. In 7th International Space Syntax Symposium. 2009. **Stockholm**.
- 2009** Mohareb, N.I. and R. Mattar. Street morphology and its effect on pedestrian movement in Historical Cairo. In 4th International Conference on Spatial Cognition ICSC 2009. **Rome**.
- 2009** Mohareb, N.I. Emergency Evacuation Model for Urban Places: Accessibility Model Framework. In International Conference on Applied Social Modelling and Simulation, ICASMS 2009. Paris, **France**.
- 2009** Mohareb, N.I. and M. Sibley. New Projects, Old Problems: Impact of Recent Developments on Alexandria’s Historic City Centre. In Traditions and Transformations: Tourism, Heritage, and Cultural Change in the Middle East and North Africa Region. Amman, **Jordan**.
- 2009** Galal, K., Mohareb, N. Achieving Socio-cultural Sustainability in the Design of the Government-sponsored Single Family Houses in the UAE: The Case of Al Ain. In 10th Annual U.A.E University research Conference, Al-Ain, **UAE**.
- 2008** Mohareb, N., A. G. ElAdawi, Ayad.H. Tourist navigation through historical sites: the spatial analysis Approach. Third International Conference, Sustainable Tourism, **Malta**.
- 2008** Mohareb, N. Tourist navigation system -the Start/ End Journey-. Instant Cities: Emergent Trends in Architecture and Urbanism in the Arab World, CSAAR 2008, American University in Sharjah, Sharjah, **UAE** (presentation)
- 2008** Mohareb, N., A. G. ElAdawi, Ayad, H. M. Decoding the Spatial Configuration Genotype of Historical Sites: Space Syntax Approach. International Forum on Islamic Architecture and Design Ideals, Innovations, and Sustainability IFIAD, Sharjah, **UAE**

- 2007** Mohareb, N. I. Historical sites between local identity and global message. CSAAR 2007 Conference, Regional Architecture and Identity in the Age of Globalization, **Tunis.**
- 2007** Mohareb, N. I. Analysing the socio-cultural activities within urban historical sites: Space syntax approach, in the 8th Annual U.A.E University research Conference, Al-Ain, **UAE**

e- Guest/ keynote Speaker/ Moderator

- August 2020** Invited as a speaker in the panel discussion 'Go global: work & study' at the Architecture Summit 2020 (webinar)
- March 2019** Invited as a speaker and delivered a workshop at the **MOST School** on "Youth civic engagement and public policies for urban governance through cultural heritage" organized in partnership with **UNESCO**, the Beirut Arab University (**BAU**) and the Hariri Foundation for Sustainable Human Development (**HFSHD**). My topic and the workshop were related to gender inequalities with the title: 'Spatial accessibility and its effect on gender inequalities in using urban spaces', Lebanon.
- Feb. 2019** Invited as a panellist in the IAPEX 2019 (Institute of Architects Pakistan, Lahore Chapter), **Lahore, Pakistan.**
- 2018** Speaker and moderator in one of the panels of the seminar 'Revolt in Square: Spatial Modelling of Conflict and Urban Conditions', with the title 'Analysing protest movement behaviour in urban spaces: Revolt in the Square.' University of Leeds, **UK**
- 2017** Guest speaker in public lecture series at the Order of Engineers and Architects in Tripoli, with the title 'Architectural Education: opportunities and challenges.', **Lebanon**
- 2016** Moderator of one of the main sessions in the seventh Arab cities conference organised by the Federation of Arab Engineers, Organization of Arab Architects and Federation of Lebanese Engineering in Tripoli **Lebanon.**
- December 2016** Speaker at the closing session with the title 'Managing Urban Peripheries' and moderating one of the sessions at the 'Green Urbanism' International conference at Roma Tre University, Rome, **Italy**
- 2016** Invited guest speaker at the green week main conference at the Order of Engineers and Architects in Tripoli. The lecture's title is 'Compact cities as a method of sustainability: Tripoli as a case study', **Lebanon.**
- March 2015** Invited guest speaker at the main plenary session with the title 'What is the vision of sustainability in developing countries?' and moderator of session at the conference Improving Sustainability Concept in Developing Countries, Cairo, **Egypt.**
- December 2015** Participate with an oral presentation at Second Forum of the Arab Association for Communication Sciences, with the title 'The study of architectural composition and its problematic integration with commercials in urban spaces', The Doctoral School of Arts, Human and Social Sciences of the Lebanese University, Beirut, December 2011, **Lebanon.**
- November 2015** Invited guest speaker and moderator of session at conference of Urban Planning & Architectural Design for Sustainable Development at the second plenary session of title 'Historic Centres and Tourism Development: Sustainable Paths', Lecce, **Italy.**
- October 2015** Moderator for the second session of the conference 'Tradition 'Heritage' in our life conferences at Beirut Arab University, Tripoli Campus, **Lebanon.**
- 3 October 2015** Invited Key speaker at TEDx Azmi Street, with presentation titled: Does a place have a memory? Safadi Centre, Tripoli, **Lebanon.**
- 2013** Invited speaker at "Contemporary Tendencies in Scientific Research in the Human and Social Sciences" conference to present a paper with title "Research in urban design: an evidence based approach analyses." Organized by: The Doctoral School of Arts, Human and Social Sciences of the Lebanese University, Beirut, December 2011, **Lebanon.**

- 2010** Invited Guest Speaker to a public lecture at the Doctoral School of Literature, Humanities & Social Sciences (Institution Affiliated to the Lebanese University). The lecture's title is 'Urban form in Arab/ Islamic cities', 27 November 2010, **Lebanon**.
- March 2010** Invited to present a lecture at American University of Sharjah with title "Land Use Distribution and Urban Form in Arab-Islamic Cities" within ARC 424 Course, **UAE**.
- January 2008**
7th to 9th Invited Guest Speaker _ Mohareb, N. I. Investigating Historical sites through their spatial configuration: Space Syntax approach. In the Proceedings of the Symposium of "Urban Development of Northern District Governorate in Kingdom of Bahrain, **Bahrain**.

f- Membership of Scientific Committees and Research Teams

- 2015** Scientific committee member of the conference 'Urban Planning and Architectural Design for Sustainable Development (UPADSD) conference,' **Italy**
- 2015** Scientific committee member of 'the 4rd International Architectural Conservation Conference, Dubai 2016' held in association with: Government of Dubai, and Dubai Municipality, **UAE**
- 2014** Scientific committee member of 'Smart, Sustainable and Healthy Cities.' The first international conference of the CIB Middle East & North Africa research network (CIB-MENA 2014). From 14 to 16 December, organised by Abu Dhabi University, **UAE**.
- 2013** Scientific committee member of '11th EAEA Envisioning Architecture: Design, Evaluation, Communication Conference in 2013', Milano, **Italy**
- 2012** Scientific committee member of '2nd International Conference on Sustainable Architecture and Urban design, ICSAUD 2012.' 3rd to 5th March, University Sains Malaysia, **Malaysia**.
- 2012** International Scientific Advisory Committee member of "Heritage 2012 – 3rd International Conference on Heritage and Sustainable Development - Évora- **Portugal**
- 2012** Scientific committee member of 'the 3rd International Architectural Conservation Conference, Dubai 2012', Dubai Municipality, **UAE**
- 2010** International Scientific Advisory Committee member of "Sustainable Tourism Conference" in 2010, Wessex Institute of Technology, **UK**
- 2010** International Scientific Advisory Committee member of "Heritage 2010 - 2nd International Conference on Heritage and Sustainable Development - Évora- **Portugal**
- 2010** Scientific Board member of 'Once Upon a Place, 1st International conference on Architecture and Fiction, Lisbon, **Portugal**.
- 2010** Editorial Board Member of 'International Journal of Heritage and Sustainable Development' (IJHSD) published by the Green-line Institute, **UK**.
- 2008** Scientific Committee member of the Third International CSAAR Conference titled "Emerging Trends in The Architecture and Urbanism of Arab World", Sharjah, **UAE**.
- 2007** Member of research/ consultancy team 'Sustainable architecture, Urban environment and community development' at UAE University, **UAE**
- 2005** Member of the Waterfront Subcommittee involved in creating regulations and recommendations for developing Waterfronts in Egypt. The National Council for Urban Design, **Egypt**

g- Peer Review of Research Papers

- 2020** Mohareb N. Peer Review Report For: Coronavirus questions that will not go away: interrogating urban and socio-spatial implications of COVID-19 measures [version 1; peer review: 3 approved]. Emerald Open Res 2020, 2:14 (<https://doi.org/10.21956/emeraldopenres.14632.r26736>)
- 2010 to present** Peer-reviewer for a number of international and regional academic journals: Urban design international, iJAR, APJA, IJHSD, and others (More details will be provided upon request)

h- Supervising and examining Postgraduate Students

h.1 Supervising

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| Ph.D (finished) | - Yathreb Sabsabi, (2017) 'Building Energy Modelling tool for residential buildings.' Beirut Arab University - Sima El Chikh (2017 to 2020) 'The participatory approach for waterfront development in Mediterranean countries.' |
| Ph.D in progress | - Nour Al Hage (starting 2019) 'Urban resilience in post conflict cities: case of Syda' |
| Ph.D in progress | - Sara Maassarani (starting in 2017) 'Developing an index for social space design in refugee camps to enhance their social cohesion.' |
| MSc Finished | - Yathreb Sabsabi, (2013) 'Towards sustainable housing in Tripoli.' Beirut Arab University |
| Supervising M.Arch projects (Finished) | - (2015-2016) Design-Build refugee prototype units (the two units have won international and national competitions as a start-up projects) - (2016-2017) Design-Build street vendor units |

h.2 External Examiner

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| MSc | - Roua Ghosh (2018) 'Multisensory approach in designing architectural spaces: enhancement of user's experience in classroom environment', BAU, Lebanon. - Shereen Hadi Khalil (2016) 'Cultural Sustainability in Modern Lebanese Architecture', BAU, Lebanon. |
| Ph.D | - Elsayed Ramadan Ibrahim Sweilam (2019) 'Socio-Spatial Analysis of In-Between Learning Spaces in University Campus: Integration, and Controllability for Academic Effectiveness', Faculty of Fine Arts, Alexandria University, Egypt. |

h- Instructing technical and theoretical workshops, public lectures and seminars

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| August 2020 | Speaker at the Architecture Summit 2020 Egypt with a presentation title 'Controlling the movement flow in architecture and urban space.' |
| May 2020 | One day workshop 'Photogrammetry in Architecture' as part of the funded project with the title '(Re)Contextualising Contested Heritage: Building Capacity & Designing Participatory Approaches to Preserve Cultural Heritage by the Youth.' funded by Research England and GCRF in a cooperation between University of Leeds (UK) and Beirut Arab University. |
| July 2019 | Three-day workshop 'Space syntax workshop: building & urban spatial Analysis' at Housing & Building National Research Center (HBRC), Cairo, Egypt |
| July 2018 | Two-day workshop 'GPS application workshop: Movement analysis' delivered at Arab Academy for Science and Technology (AAST) in AbuQir in collaboration with Beirut Arab University, Alexandria, Egypt |
| October 2017 | Workshop about 'Digital mapping of Landscapes of Urban revolt' is one of the events of the seminar of 'Revolt in the 'Square': Spatial Modelling of Urban Stability to Mapping Urban Unrest in Beirut Public Squares' at Beirut Arab University in cooperation with Queens University Belfast, University of Leeds in UK, Beirut. |
| July 2017 | Summer School in 'Advanced Urban Planning & Design' organized by IEREK in collaboration with Ain Shams university – Cairo in Roma, Italy. |
| 10-12/10/2016 October | 'Searching for urban patterns' workshop at Green Urbanism Conference, Roma Tre University, Rome, Italy |

- 29/1/2016** Public seminar with title ‘Urban based simulation in digital era: Spatial configuration approach’ at the Order of Engineering and Architecture in Beirut, **Lebanon**
- July 2015** Space Syntax Workshop at IEREK organization, Alexandria, **Egypt** (20 participants)
- October 2015** Sustainable ‘syntax’ of cities workshop, architectural week: Urban Planning and Architectural Design for Sustainable Development (UPADSD) conference, **Italy** (19 participants).

Interesting Subjects for Research

- Spatial cognition analysis in buildings and urban spaces (using Space syntax theory and techniques)
- Urban design
- Digital simulation of social behaviour in urban and architecture spaces
- Architectural Design
- Building documentation using photogrammetry techniques (drones/cameras/ 3D laser scanner)

Interesting Subjects for Teaching

- Urban design (spatial configuration/ spatial sustainability);
- Digital simulation in architecture and urban design (Environmental simulation; movement behaviour, space organization);
- Urban morphology
- Architecture Design

2- Teaching experience

- December 2013 to present** **Associate Professor**, Faculty of Architecture – Design & Built Environment, Tripoli Campus, Beirut Arab University, Lebanon
- 2010- 2013** **Assistant Professor**, Faculty of Architecture – Design & Built Environment, Tripoli Campus, Beirut Arab University, Lebanon
- Summer Courses, 2010** **Assistant Professor-** Interior Design Department, College of Engineering & Computer, Abu Dhabi University, United Arab Emirates (computer graphics course).
- 2006- 2010** **Instructor-** Architectural Engineering Department, College of Engineering, UAE University, Al-Ain, United Arab Emirates (accredited by the Accreditation Board for Engineering and Technology (**ABET**))
- 2004-2006** **Assistant Lecturer-** October University For Modern Sciences & Arts, (MSA). Six of October, Egypt (validated by the University of Greenwich, UK)
- 2000-2004** **Demonstrator/ Assistant Lecturer-** Arab Academy for Science and Technology- Abu-Quir Alexandria Campus, Egypt (accredited by **RIBA** part **I & II**)
- 1997-2000** Teaching computer graphics software in different institutes and centres in Alexandria, Egypt

Modules Taught (develop and contribute to the curriculum of the following modules)

- Postgraduate Courses**
- ARCH 771/ 772- Applied Studies in Urban Design & Planning I/II (PhD courses)
 - ARCH 773/ 774- Focused Reviews in Urban Design & Planning I/II (PhD courses)
 - ARCH 631 ADVANCED DESIGN STUDIO I/II (MArch- Master of Architecture)
- Undergraduate courses**
- ARCH 271/272- Architectural Design Fundamentals: Visual Studies
 - ARCH 291- Architectural Design I
 - ARCH 292- Architectural Design II
 - ARCH 331- Architectural Design III
 - ARCH 332- Architectural Design IV
 - ARCH 436- Research and Programming
 - ARCH 338- City and Town Planning

- ARCH 435- Urban design
- ARCH 445- Urban Morphology (digital simulation)
- ARCH 540- Senior Project (Graduation project)
- ARCH 631/632 Advanced Design Studio I & II
- Computer Courses
 - ARCH 277- CAD Drawings
 - ARCH 278- Computer Graphics

3- Administration duties (current post)

2010 until present **Founding Chair and the Director of Faculty Branch** of Architecture – Design & Built Environment, Tripoli Campus, Beirut Arab University, Tripoli, Lebanon.

Main accomplishments until now:

- The Faculty branch has received an unconditioned validation (5 years) for RIBA Part I and Part II (initial visit 2017, final visit 2018) (awarded in 2018 the validation);
- establishing the M.Arch programme which is based on Design-Build method;
- start the Ph.D programme in the academic year 2016-2017 in architecture;
- open a new design and arts program (Interior design);
- establish the Environmental lab, which contains the state-of-arts in data loggers, and having our own weather station;
- establishing the digital fabrication lab;
- establishing a series of workshops related to digital and kinetic architecture;
- engaging with our surrounding community;
- engaged in International research grants;
- Our students won local, national, regional and international competitions.

Consulting Architect

- 2003- 2005** Forum for Conservation of Architecture and Historic Heritage (Alexandria, Rosetta and Siwa), an NGO funded by US Aid.
- 2004-2005** Architectural and heritage projects (design and evaluation) for the Ministry of Culture developing the main entrances of the Giza Pyramids, and developing the Old Cairo Aqueduct, Egypt.

Professional Experiences

- 2019** Participated as a team leader in 'Knowledge & Innovation Centre international Competition'. This architectural design project competition is managed by the Lebanese Federation of Engineers and Architects, endorsed by the Union of International Architects (UIA), and supported by Union of Mediterranean Architects (UMAR).
- 2018** Invited as a jury member by the IAAF Awards' winners from BAU Tripoli have been announced in the presence of Mrs Inas Abou Ayyash, the President of IAAF, Minister Jean Oghasabian, the renowned businessperson Mr Maroun N Chammas and Dr Ousama Ziade.
- 2016** Invited as a jury member by the Order of Engineering in Tripoli (Lebanon) (The architectural consultancy branch) to the architectural competition of an orphanage for children at Dedda, Northern of Lebanon.
- 2009** Proposal for Aerospace Institute at UAE University new campus Al-Ain, **UAE**
- 2008** Residential Tower in Abu-Dhabi, **UAE**
- 2007** Member of a design team developed a proposed design for a 42-floor residential tower in Abu Dhabi, **UAE**
- 2007** Planning and schematic Design of Dubai School of Engineering- Academic City, Dubai, **UAE** (Proposal Design)
- 2006** Riviera Accommodation Resort, Union Architect's office, Cairo, **Egypt**
- 2005** Alwatany Bank of Egypt new headquarter office, Architectural Competition (**Second Prize**), **Egypt**.

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| | 2005 | Head team member for Architectural and Urban Design Competition for 40 of the 40 Architect competition, Egypt. | |
| | 2005 | Head team member for Architectural and Urban Design Competition for Redevelopment of the Eastern Harbour, Alexandria, Feb. 2005 (mentioned prize), Egypt. | |
| | 2003/2004 | Architecture Competition, design ELNG (Egyptian Liquid Natural Gas Company) Main office, (First prize), Egypt. | |
| | 2004-2005 | Redevelopment of Pyramid plateau's entrances (main entrances for Nazlet El-Seman, Mena House), Egypt. | |
| | 2004 | Head team member for Architectural and Urban Design Competition for Children and Youth Library in Egyptian Villages, Egypt. | |
| | 2003 | Member of team design for Architectural and Urban Design Competition for San Mark Coptic Canadian Village, Canada. | |
| | 2003 | Member of team design for Architectural and Urban Design Competition for Yacht Marina in Port said, Egypt. | |
| Working in consulting offices | 1998 | 1999 | SAP, Seoudy, Architecture & Planning, Alexandria, Egypt |
| | 1999 | 2000 | Architecture Centre office, Alexandria, Egypt |
| | 2000 | 2002 | Aly Azzam Architecture consultant office. Alexandria, Egypt |
| | 2002 | 2003 | The Economic Group for Project Management. Alexandria, Egypt |
| | 2004 | 2006 | Samy Sabri Architecture consultant office. Cairo, Egypt |
| Miscellaneous | | | |
| Languages | Excellent command of Arabic (mother tongue) Excellent command of English (reading- writing- speaking) | | |
| Computer Skills | <hr/> <ul style="list-style-type: none">- 3D Photogrammetry using Drones and Agisoft Metashape (intermediate user);- Spatial Simulation software of Space Syntax theory (DepthmapX) (advanced user) used in architecture and urban simulation- Python programmer (in rhino-script and standalone programming) (beginner);- Rhino and Grasshopper (Ladybug, Honeybee, and other plugins) (intermediate user);- ArcGIS (GIS software) (intermediate user);- 3D Studio Max (expert user);- AutoCAD (2D & 3D) (advanced user);- Autodesk Rivet for architecture (intermediate user);- CorelDraw (vector software) (expert user);- Adobe Photoshop (raster editing software) (advanced user). | | |
| Continuing Education and Training | <ul style="list-style-type: none">- 'Design Computing: 3D Modelling in Rhinoceros with Python/Rhinoscript' by University of Michigan at Coursera online platform (2020).- Summer School 'Sense making of GPS Data in a GIS Environment' at Faculty of Geosciences, Utrecht University (July 2017), Netherlands.- Workshop about 'Critical thinking', Beirut Organized by BAU University (October 2017), Lebanon- Attending 'Leadership' Workshop, Beirut, Organized by BAU University (August 2016), Lebanon- Attending 'Budget design' Workshop, Beirut, Organized by BAU University (August 2016), Lebanon- Co-organizing and attending Parametric and Kinetic architecture workshop (40 hours), BAU University (2016), Lebanon.- Organising and attending LEED V4 workshop (2 days, 16 hours), BAU University (2015), Lebanon. | | |

- Organising and attending Building energy modelling simulation workshop (3 days), BAU University (2014), **Lebanon**.
- Attending a one-day Workshop with title: Effective Key Performance Indicators (KPIs) Management (21 August 2015), **Lebanon**.
- Attending two-day parametric design Workshop, BAU University (2015), **Lebanon**
- Attending workshop organized by **CABE** (UK government's advisor on architecture, urban design, and public space), **Bristol** from 21-24 June 2009, **UK**;
- Attending Windermere Enterprise School, 8th - 10th July 2009, Organized by Manchester University, **UK**;
- Attending workshop and training 'Leadership in Action,' Brathay Hall, 28th -31st July 2009, Organized by Vitae, **UK**;
- Attending 'Managing research data well' workshop at the University of Manchester 2009, **UK**;
- Attending Statistical analysis for research using **SPSS** course, Continuing Education Centre, 6-27 May 2009, **UAE**;
- Internship at Space Syntax company (almost 2months), London, **UK** (2007);
- Attending GIS Basics in Urban Development, UTI (Urban Training & Studies Institute Cairo, **Egypt** (2005).

References

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