Nabil Ibrahim Mohareb (MSc, Ph.D.)

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Short Biography

Dr. Nabil Mohareb is an Associate Professor at the American University in Cairo's Department of Architecture within the School of Sciences and Engineering. He previously served as the Chair Director of the Faculty of Architecture—Design & Built Environment at Beirut Arab University's Tripoli Campus in Lebanon, where he implemented innovative educational strategies that enhanced the faculty's research output and global engagement.

His academic career spans roles at leading universities across Egypt, the UAE, and Lebanon. His research focuses on the intersection of architecture, urbanization, and social dynamics. His studies particularly examine the implications of architectural and urban planning on social behavior and spatial-economic structures in urban settings.

Dr. Mohareb has authored over 50 refereed journal articles and conference papers internationally, emphasizing transformative urban studies and architectural innovation. He has participated as principal investigator (PI), Co-PI and team member in several funded research projects, amounting to over $190,000 US Dollars. He has led more than 15 experimental workshops in Egypt, Italy, and Lebanon, aiming to integrate theoretical research with practical architectural applications. He has shared his insights on urban regeneration at a TEDx talk in Lebanon. He acts as the Regional Editor for the Middle East and Africa for the International Journal of Architectural Research, Archnet-IJAR, and as a member of the editorial review board for the Open House International Journal, published by Emerald Group Publishing and other journals. He was invited as a guest or main speaker to over 30 events, including conferences, roundtables, webinars, and other related activities, reflecting his interest in architecture and urban planning.

Recently, he joined the International Union of Architects' Commission on Sustainable Development Goals, where he now coordinates the 'Innovation in SDGs' workgroup, fostering global architectural practices that support sustainable development.

Current Post

> **2021** to present Associate Professor, Department of Architecture, School of Sciences and Engineering (S.S.E.), The American University in Cairo (AUC), New Cairo City Campus, 11835, Egypt
> **2023 to 2026** Member of the International Union of Architects (UIA) Commission of Sustainable Development Goals (SDGs)
> - Coordinator for the UIA workgroup within the SDGs commission entitled 'Innovation in SDGs'

Previous posts

2010 to 2021 Associate Professor, Founding Director of the Faculty Branch in Tripoli, Faculty of Architecture – Design & Built Environment, Beirut Arab University, Tripoli Campus, Lebanon

2013 to 2021 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 centers in Alexandria, Egypt

Academic Background

2021 Honorary Research Fellow, The University of Liverpool Virtual Fellowship Programme Award for 2020-2, UK

2015 Doctor of Philosophy in Architecture School of Architecture, University of Liverpool, Liverpool, UK

2009 Doctor of Philosophy in Architecture, Faculty of Engineering, Department of Architecture, Alexandria University, Egypt.

2003 Master of Science in Architecture, Faculty of Engineering., Alexandria University, Alexandria, Egypt

1997 Bachelor of Science in Architecture (five-year professional degree), Faculty of Fine Arts, Alexandria University, Alexandria, Egypt

Professional and scientific membership affiliations
- Egyptian Engineering Syndicate
- Society of Egyptian Architects
- The Regional Studies Association (RSA) https://www.regionalstudies.org/

Computer skills

CAD and Visualization Tools: Advanced proficiency in 3Dmax, AutoCAD, Photoshop, and Rhino, demonstrating extensive experience in architectural rendering and design visualization.

Geographic Information Systems (GIS): Skilled in applying GIS technologies using ArcGIS and QGIS, which are crucial for urban and regional planning projects.

Space Syntax Analysis Tools: Experienced in employing space syntax methodologies with DepthmapX and various Grasshopper add-ons like UrbanX, enhancing research in urban configurational analysis.

Computer Vision Programming: Proficient in applying Python and associated libraries for advanced architectural and urban studies, integrating machine learning and image processing.

Photogrammetry Tools: Skilled in using tools like Agisoft and Mesh Compare for detailed environmental and structural analysis, contributing to precision in heritage conservation and architectural documentation.

Artificial Intelligence: Engaged in leveraging AI for generating dynamic 3D models, visual simulations, and data analysis, pushing the envelope in digital architecture and design research.

Agent-Based Simulation: Experienced with AnyLogic for simulating pedestrian and traffic patterns, vital for research in sustainable urban mobility and complex system dynamics in built environments.

Teaching experience (for the past 14 years)

2021 to present: Department of Architecture, American University in Cairo (AUC), Egypt

ARCH 000/4562 - Vertical Design Studio B (5 cr.) (Coordinator)

ARCH 000/4801 - Human and Environmental Studies Theory and Dissertation (2 cr.) (Coordinator)

ARCH 441/4421 - Professional Practice, Design Management and Codes (2 cr.)

ARCH 000/4570 - Senior Design Studio (5 cr.)

ARCH 491/4981 - Senior Project (5 cr.)

ARCH 497/4951 - Internship in Technical Drawing and Design (1 cr.)

ARCH 000/5201 - Philosophy & Theory of Architecture (3 cr.)

ARCH 000/5202 - Critical Thinking in Architectural Design (3 cr.)

ARCH 000/5221 - Research Methods in Architecture (3 cr.)

2010 to 2021: Faculty of Architecture – Design & Built Environment Beirut Arab University, Tripoli Campus, Lebanon

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)

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 277- CAD Drawings

ARCH 278- Computer Graphics

Research profile

Web of Science Researcher ID: C-3752-2009

ORCID ID: 0000-0001-9036-0381

Number of publications (as of August 26th, 2024)

25 (Web of Science) / 22 (Scopus) / 54 (Google Scholar)

Number of citations (as of December 26th, 2024):

56 (Web of Science) / 103 (Scopus) / 267 (Google Scholar)

H-index (as of August 26th, 2024):

5 (Web of Science) / 7 (Scopus) / 10 (Google Scholar)

Scopus Profile

https://www.scopus.com/authid/detail.uri?authorId=26023649900

Google Scholar Profile

https://scholar.google.com/citations?hl=en&user=o5bHBYsAAAAJ&view_op=list_works

Research Gate Profile

https://www.researchgate.net/profile/Nabil-Mohareb

Academia.edu Profile

https://aucegpy.academia.edu/NabilMohareb

Web of Science (general)

https://www.webofscience.com/wos/author/record/C-3752-2009

Web of Science (peer-review record)

https://www.webofscience.com/wos/op/peer-reviews/summary

LinkedIn profile

www.linkedin.com/in/nabil-mohareb-94b46319

Research Interests

- **Spatial Configurational Analysis:** Investigating the relationships between spatial configurations and their impacts on social and economic behaviors in urban settings.
- **Movement Behaviour and Patterns:** Studying how urban design influences pedestrian and vehicular movement within cities, focusing on improving mobility and accessibility.
- **Sustainable Mobility Patterns:** Exploring sustainable transportation solutions and their integration into urban planning to enhance environmental resilience and reduce carbon footprints.
- **Socio-spatial Inclusivity in Educational Spaces**: Analyzing how the design of educational environments can promote inclusivity and support diverse learning experiences.
- **Digital Storytelling and Photogrammetry in Cultural Heritage**: Utilizing advanced digital tools to narrate and preserve the heritage of historic buildings and sites.
- **Architectural Innovation**: Exploring new paradigms and architectural design techniques that push traditional practices' boundaries.

Publications: 59 publications in total

Books (book editor), Journal guest editor (**refereed**):

1. **2024 Co-Guest Editor** – Special Issue, special issue title: Data-Driven Urban Dynamics: Sustainable Urbanization and Mobility in Peripheral Areas, journal: Frontiers in Built Environment. With: Sherif Goubran. Publisher: Frontiers

2. **2022** Mohareb, N., Cardaci, A., Maruthaveeran, S., & Cavalagli, N. (Eds.). (2022). Cities' Identity Through Architecture and Arts. Springer.

3. **2021** Mohareb, N., Versaci, A., Mahgoub, Y., Maruthaveeran, S., & Alberti, F. (Eds.). (2021). Cities' Vocabularies: The Influences and Formations. Springer.

4. **2021** Trapani, F., Mohareb, N., Rosso, F., Kolokotsa, D., Maruthaveeran, S., & Ghoneem, M. (Eds.). (2021). Advanced Studies in Efficient Environmental Design and City Planning. Springer.

Books (book editor): before AUC (refereed)

5. **2019** Bougdah, H., Rosso, F., Cavalagli, N., Ghoneem, M., Alalouch, C., & Mohareb, N. (2019). Conservation of Architectural Heritage: A Culmination of Selected Research Papers from the Second International Conference on Conservation of Architectural Heritage (CAH-2), Egypt 2018. Conservation of Architectural Heritage.

6. **2019** Boemi, S., Attia, S., Kostopoulou, S., & Mohareb, N. (2019). Cultural Sustainable Tourism: A Selection of Research Papers from IEREK Conference on Cultural Sustainable Tourism (CST), Greece 2017. Cultural Sustainable Tourism.

Book Chapter: two book chapters (refereed)

7. **2024** Abdel-Moneim, N. M., & Mohareb, N. (in press). Mapping the acoustic identity of heritage sites: A multidisciplinary approach to soundscape analysis in El-Manial Island, Cairo. In M. Ripp, S. Majumdar, & O. Vileikis (Eds.), Geographic Information Systems for Urban Identity, Morphology, and Transformation: Bridging the Gap between Urban Space and Heritage Changes. Springer (in press).

8. **2022** Mohareb, N., & Yamak, G. M. (2022). The Design-Build Approach–Addressing Four Community Challenges in Tripoli, Lebanon. In The Routledge Companion to Architectural Pedagogies of the Global South (pp. 315-329). Routledge.

Refereed Journal Articles: 9 published articles in international academic journals within AUC time, 25 publications in total (**refereed**)

9. **2024** Swelam, R., Khalifa, M., Mohareb, N., Moustafa, Y., & Affifi, S. (2024). A comprehensive study of travel mode captivity: a nuanced perspective on car captivity in new Cairo, Egypt. Renewable Energy and Sustainable Development, 10(1), 16-31.

10. **2024** Belok, F.; Khalifa, M.; and Mohareb, N. (2024) "Generating a design automation for functional relationship in residential building: developing plugin," Architecture and Planning Journal (APJ): Vol. 30: Iss. 1, Article 5. DOI: https://doi.org/10.54729/2789-8547.1195

11. **2023** Mohareb, N. (2023), "Leaving no one behind: unveiling gaps in inclusive architecture at the UIA World Congress of architects 2023", Archnet-IJAR, Vol. 17 No. 4, pp. 812-822. https://doi.org/10.1108/ARCH-08-2023-0206

12. **2023** Mohareb, N., Alsalloum, A., & Webb, N. (2023). A morphological analysis of historic buildings entries using affordable photogrammetry techniques: Old Tripoli, Lebanon. Digital Applications in Archaeology and Cultural Heritage, 28, e00261.

13. **2022** Selim, G., Mohareb, N., & Elsamahy, E. (2022). Disseminating the living story: promoting youth awareness of Lebanon contested heritage. International Journal of Heritage Studies, 28(8), 907-922.

14. **2022** Maroun, S., Khalifa, M., & Mohareb, N. (2022). Assessing photogrammetry artificial intelligence in monumental buildings' crack digital detection. Architecture and Planning Journal (APJ), 28(1), 9.

15. **2022** Mohareb, N., Selim, G., & El Samahy, E. (2022). Digital Storytelling: Youth's Vision of Beirut's Contested Heritage. Storytelling, Self, Society, 18(1), 31-55.

16. **2021** Maassarani, S., Mohareb, N., & Rabea Abdelbaset, M. (2021). Proposing a solid waste management plan in Tripoli, North Lebanon: An individual awareness based solution. Regional Science Policy & Practice, 13(3), 921-942.

Refereed Journal Article (16 publications before AUC) (refereed):

17. **2020** Mohareb, N. 2020. Has an Urban 'New Normal' become Necessary following the Corona Pandemic? Architecture and Planning Journal (A.P.J.): Vol. 26 (2), Article 5.

18. **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 (A.P.J.): Vol. 26 (1), Article 3.

19. **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),' B.A.U. Journal - Creative Sustainable Development: Vol. 1: Iss. 2, Article 5. Available at: https://digitalcommons.bau.edu.lb/csdjournal/vol1/iss2/5

20. **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

21. **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

22. **2018** Mohareb, N. Omar, O. 'Monitoring daily mobility patterns for university students using G.P.S. 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.

23. **2018** Belok, F. Mohareb, N. Rabea, M. 'Recommendation for designing healthier kids.' In B.A.U. 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.

24. **2018** Mohareb, N. Maassarani, S. 'Design-build: an effective approach for architecture studio education.' Archnet-iJAR 12 (2): 146-161

25. **2018** Mohareb, Nabil (2018) "Historical edge assessment: spatial comparative analysis," Architecture and Planning Journal (APJ): Vol. 24: Iss. 1, Article 2. DOI: https://doi.org/10.54729/2789-8547.1017

26. **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.

27. **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.

28. **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.

29. **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

30. **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.

31. **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.

32. **2009** Mohareb, N. "Street morphology and its effect on pedestrian movement in historical Cairo." Cognitive Processing 10 (2): 253-256.

Refereed Conference Papers: (refereed)

33. **2024** Mohareb, N. (2024). Visualizing Urban Experience: AI and Computer Vision Framework for Historic Commercial Streets in Egypt. Paper presented at the 7th International Symposium Formal Methods in Architecture 2024, Porto, Portugal.

34. **2024** Goma, M., Fouad, A., ElSayed, E., & Mohareb, N. (2024, October). Decoding gray urban spaces: A space syntax approach to detecting and identifying underutilized urban areas. Paper presented at the 12th International Conference of the Arab Society for Computation in Architecture, Art, and Design (ASCAAD 2024), University Mohammed VI Polytechnic, Ben Guerir/Marrakesh, Morocco.

35. **2024** Mohareb, N. Khalil, R. (2024). Evaluating Socio-spatial Inclusivity in Educational Open Spaces: A Comparative Analysis of Private University Campuses in the Greater Cairo Region. In 14th International Space Syntax Symposium, Cyprus.

36. **2023** Mohareb, N. (2023). Computer vision and object tracking from videos. In the 11th International Conference of the ASCAAD C+++: Computation, Culture, and Context, Amman, Jordan.

37. **2022** Mohareb, N., An investigation into the factors that affect eating and walking behavior in new public spaces: New Cairo as a case study. In 13th International Space Syntax Symposium, Bergen, Norway.

Refereed Conference 15 Papers before AUC (**refereed**)

38. **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.

39. **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.

40. **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.

41. **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.

42. **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.

43. **2009** Mohareb, N.I. Re-reading Historical Cairo: Spatial Configuration Transformation. In 7th International Space Syntax Symposium. 2009. Stockholm.

44. **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.

45. **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.

46. **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.

47. **2009** Galal, K., Mohareb, N. Achieving Socio-cultural Sustainability in the Design of the Government-sponsored Single Family Houses in the U.A.E.: The Case of Al Ain. In 10th Annual U.A.E University Research Conference, Al-Ain, U.A.E.

48. **2008** Mohareb, N., A. G. ElAdawi, Ayad.H. Tourist navigation through historical sites: the spatial analysis Approach. Third International Conference, Sustainable Tourism, Malta.

49. **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, U.A.E. (presentation)

50. **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, U.A.E.

51. **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.

52. **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, U.A.E.

Editorial Articles

53. **2022** Mohareb, N. Preface II in Cities' Identity Through Architecture and Arts. Springer.

Articles/booklets/reports in non-reviewed conferences or publications

54. **2022** Mohareb, N. (2022). A preliminary evaluation model for mobility infrastructure in smart cities. Paper presented at the 29th Arab Engineering Conference: Smart Cities, Cairo, Egypt.

55. **2020** Selim, G., Mohareb, N. I., & Aboul Khoudoud, B. (2020). Lebanon Building Capacity and Designing Participatory Approaches to Preserve Cultural Heritage by the Youth. In (Re)Contextualising Contested Heritage in Lebanon. University of Leeds. https://researchgate.net/publication/352561444_Lebanon_Building_Capacity_and_Designing_Participatory_Approaches_to_Preserve_Cultural_Heritage_by_the_Youth

56. **2019** Salem, D., Mourad, H., Elsheekh, K., Hafez, N., Ahmed, N., & Khalifa, S. (2019). Space syntax: An introduction for building & urban spatial analysis. Housing and Building National Research Center. Nabil Ibrahim Mohareb (Ed.). ISBN: 978-977-85689-0-5

57. **2024** Mohareb, N. Toward inclusive and resilient open spaces at the AUC Campus, AUC.

Digital Publications

58. **2023** Mohareb, N. (2023). Urban Peripheries; Urban Dialogues. Presented at CAFx International Manifesto Relay 2023, UIA Copenhagen 2023, and published on the official manifesto website. Available at https://www.cafx.dk/imr-manifest/urban-peripheries-urban-dialogues.

Software Publications

59. **2024** Mohareb, N. (2024). Hayyiz (Version 1.0) [Software]. GitHub.
https://github.com/nmohareb2000/space-syntaxNM

Articles under review (Three journal papers).

2025 Mohareb, N. Ashraf, A.(2024) Visual Engagement: Quantifying Campus Experiences in Urban Open Spaces Using a Computer Vision Model. Springer. (under review)
2025 Mohareb, N. (2024) Evaluating Inclusivity and Efficiency in University Open Spaces: A User-Centric Approach. International Journal of Design Creativity and Innovation, Taylor & Francis. (under review)
2025 Mohareb, N. El Feki, S. Wayfinding Challenges in Morphologically Complex Educational Buildings - A Case Study of the HUSS Building at AUC. (under review)

Editorial membership

2018-present Regional editor - the Middle East and Africa for the International Journal of Architectural Research Archnet-IJAR, Emerald Group Publishing, ISSN: 2631-6862.
(Q1 Journal)
2020-present Member of the Editorial Review Board of Open House International Journal, Emerald Group Publishing, ISSN: 0168-2601
(Q2 Journal)
2024-present Member of the Editorial Board of Urban Design and Planning, ICE Proceedings, Emerald Group Publishing, ISSN: 1755-0793
(Q1 in Architecture Journal)
2017 Guest editor for the conference proceeding 'Alternative and renewable energy quest', Polytechnic University of Catalonia, Elsevier, Spain

Scientific Reviews (at other departments and universities)
Based on the Web of Science (review section), I have 21 review records
In general, I have reviewed more than 100 papers in various capacities

2024 Invited jury member for the ICT for Circularity AfreTec Competition; I evaluate submissions from undergraduates and recent graduates throughout Africa. This global online competition, organized by AUC School of Business's CEI in partnership with ICT for Circularity,

aims to discover innovative ICT solutions addressing environmental, societal, and economic issues in Africa.

2024 Selected as one of the judges for the 2024 QS Reimagine Education Awards to evaluate innovative educational projects across 18 categories, focusing on pioneering approaches to enhance learning outcomes and employability, recognizing effective methods of teaching sustainability in higher education.

2023 Invited as an international jury member for the Urban Design Lab Thesis Publication 2023. The publication served as a platform for the brightest urban design, architecture, and planning students worldwide to showcase their innovative ideas and solutions. Website: https://urbandesignlab.in/udl-thesis-publication-2023/

2022 Academic promotion reviewer evaluates an academic promotion from lecturer to senior lecturer at UKZN University (KwaZulu-Natal in South Africa).

2018 Invited as a jury member by the IAAF Awards' winners from B.A.U. Tripoli 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 Lebanon.

Postgraduate supervisor

2024-present Co-supervisor, a **PhD student**, Ayman Mohamed Abdel Fatah Elsheshtawy, with the research entitled 'The impact of World Cup facilities on regional identity and urban context the conflict between legacy and modernism case study: Qatar World Cup 2022', Faculty of Fine Arts, Helwan University.

2024-present Supervisor, a **Master's student**, Hend Bazeed (the title of the thesis is not decided yet)

2024-present Supervisor, a **Master's student**, Yara Ahmed Walid Fahmy, with the research entitled 'The Impact of Supermarket Layouts on Female Shopping Behavior: A Spatial Configuration Analysis.', Architecture Department, The American University in Cairo.

2023-24 Supervisor a **Master's student**, Alaa Amr Marwan, with the research entitled 'Expectations Versus Reality in New Cairo's Gated Communities: An Interdisciplinary Analysis of Socio-Spatial Features.' Architecture Department, The American University in Cairo.

2023-present Co-supervisor a **Master's student**, Rana Hany, with research entitled 'Towards successful conservative interventions in Egyptian heritage contexts through contemporary conservation approaches: highlighting urban acupuncture as a contemporary conservation approach," AAST, Cairo.

2021-2024 Co-supervisor a **PhD student**, Rana Ali Swelam, with the research entitled 'Promoting urban mobility in a car-oriented planning in greater Cairo region: the case of New Cairo,' Department of Urban Planning and Design, Faculty of Engineering, Ain Shams University, Cairo, Egypt.

2017-2020 Co-supervising a **PhD student**, Sima El Chikh, with the research entitled 'The participatory approach for waterfront development in Mediterranean countries.' Faculty of Architecture—Design & Built Environment, Beirut Arab University, Lebanon.

2014-2017 Supervising a **PhD student**, Yathreb Sabsabi, with the research entitled 'Building Energy Modelling Tool for Residential Buildings.' Faculty of Architecture—Design & Built Environment, Beirut Arab University, Lebanon.

2016-2017 Supervising **Master's research projects** entitled 'Design-Build street vendor units,' Faculty of Architecture—Design & Built Environment, Beirut Arab University, Lebanon.

2015-2016 Supervising **Master's research projects** entitled 'Design-Build refugee prototype units' (the two units have won international and national competitions as start-up projects), Faculty of Architecture—Design & Built Environment, Beirut Arab University, Lebanon.

Postgraduate Reviewer at other universities (past two years)

2024 External examiner of a PhD defense for Mirna Philip Farag Rizk Khalil, with the research entitled: 'Towards a Design Strategy for the Architectural and Urban Development of the Coptic Orthodox Church in Egypt.' Helwan University, Faculty of Fine Arts, Egypt.

2024 External examiner of a PhD' defense for Ali Hussein Misilman, with the research entitled: 'Integration of BIM-GIS Systems to Urban Heritage Management.' Beirut Arab University, Lebanon

2024 External examiner of a Master's defense for the student Kamel Ibrahim Abu Elkhair, with the research entitled: The role of spatial configuration in enhancing social qualities of university campus outdoor spaces: the case of the American University in Cairo (AUC). Arab Academy for Science, Technology and Maritime Transport, AAST. College of Engineering and Technology, Department of Architectural Engineering & Environmental Design

2023 External examiner for a PhD defense for the student Tjark Gall entitled: Scenario-based design of people-centered mobility solutions for urban systems, University Paris-Saclay.

2023 External examiner for a PhD defense for the student Heba Gaber Ahmed Metwally, with the research entitled: Alexandria as a Creative City through merging its tangible and Intangible Cultural Heritage. Faculty of Fine Arts, Department of Architecture, Alexandria University, Egypt

2023 External examiner for a PhD defense for the student Mohsen Merdash, with the research entitled: The Role of Additive Manufacturing Technology in The Development of the Architectural Design Studio. Faculty of Fine Arts, Department of Architecture, Alexandria University, Egypt

2023 External examiner for a Master's defense for the student Hiba Hilal Faried, with the research entitled: Gamification Techniques and their Impact on Architectural Education Development, case study: Architectural Department- Mansoura University. Mansoura University, Egypt.

Undergraduate Design Reviewer at other universities (past two years)

2025 Invited as a jury member at undergraduate design project, Nile University, Egypt.

2025 Invited as a jury member at undergraduate design project, AAST, Smart Village, Egypt

2024 Invited as a jury member at undergraduate graduation projects at Future University, Egypt

2024 Invited as a jury member at undergraduate graduation projects at the Faculty of Fine Arts, Department of Architecture, Helwan University, Egypt.

2024 Invited as a jury member at undergraduate graduation projects at the Faculty of Fine Arts, Department of Architecture, Alexandria University, Egypt.

2024 Invited as a jury member at undergraduate graduation projects at the Faculty of Engineering, Department of Architecture, Alexandria University, Egypt.

2023 Invited as a jury member at undergraduate design studios at The British University, Egypt

2023 Invited as a jury member at undergraduate design studios at Galala University, Egypt

2023 Jury member for ungraduated architecture students at Future University, Egypt

2023 Jury member for the AR516 Architectural Design 6 Final Jury course, Arab Academy for Science, Technology and Maritime Transport, Smart Village Campus, Egypt.

2022 Jury member for graduate and undergraduate architecture students, Beirut Arab University, Lebanon.

Research Projects and Grants

2024-2025 Co-PI in a funded research project entitled: 'Innovate for Future Sustainable Environments (INFUSE). the Egyptian side PI: Dr. Sherif Gobran, Dr. Nabil Mohareb Co-PI, and the French side (CentraleSupélec (Paris-Saclay University)) PI: Dr. Flore VALLET. Project Duration: 2 years (24 months)', with a budget of 17,160 EUR. Funded by the ASRT Egyptian-French Scientific Cooperation Program (Imhotep) 2024-2025. (Accepted and starts December 2024)

2022- 2024 Principal investigator PI in an AUC-funded project titled 'Toward inclusive and resilient open spaces at the AUC Campus.' With a total fund of 9980 US $.

2021-2022 Mohareb, Nabil (Principal Investigator PI)), Goubran, Sherif (Co-Principal), AlHusseiny, Momenbellah (Co-Principal), "Our built environment, one simple idea at a time! Showcasing undergraduate architecture scholarship through public outreach" Sponsored by AUC, American University in Cairo, $4,000.00. (September 1, 2021 - June 30, 2022).

2019 -2020 Project International Partner, the project entitled: (Re)Contextualising Contested Heritage: Building Capacity & Designing Participatory Approaches to Preserve Cultural Heritage by the Youth. Funded by Research England and GCRF in cooperation between the University of Leeds (U.K.) and Beirut Arab University. Total budget £79,000. The website: https://www.reconheritage.co.uk/about

2017 - 2018 Principal Consultant for a multidisciplinary research grant project (Total Budget 74811 Euro) funded by the 'SouthMed CV' and co-funded by the European Union under the Med Culture regional program. https://nabilmohareb5.wixsite.com/ourcityourway

2017 Main partner representing B.A.U. in the academic partnership between the "Revolt in the Square (R.I.S.)" research project based at Queens University Belfast, University of Leeds and the Faculty of Architecture at Beirut Arab University. R.I.S. is a multidisciplinary collaborative project funded by the GCRF / PaCCS Conflict Theme and Interdisciplinary Research Innovation Award in U.K. 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 U.A.E.: 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.

Submitted Grant Proposals (for the past three years)

2023 ElHusseiny, Momen (Principal), Mostafa, Magda (Co-Principal), Mohareb, Nabil (Co-Principal), Sherif, Nagwa (Co-Principal), Abdelazim, Mariam (Co-Principal), "Cities4Children Global Alliance _Cairo Chapter Application," Sponsored by Cities4Children Global Alliance, American University in Cairo. (2023). (not funded)

Summary: The proposal involves creating a Cairo chapter to promote active mobility for women and children, linked to the Cairo-Bikes project for improved last-mile connectivity. In collaboration with the American University in Cairo and UN-HABITAT, this chapter aims to influence urban planning and mobility standards in Downtown Cairo, leveraging global expertise to enhance civil society's impact.

2022 Mohareb, Nabil (Principal PI), El-Khouly, Tamer (Co-Principal), Hamdy, Amal (Co-Principal), "Seminar Series Awards by USF," sponsored by the Urban Studies Foundation, American University in Cairo, $12,388.00. (November 30, 2022). (not funded)

Summary: Since the 1970s, Egypt has expanded its urban footprint, building around 37 new cities and modernizing 24 others by 2018, particularly in the Greater Cairo Region. Despite enhancements in transportation like monorails and buses, detailed research on mobility needs is lacking. Upcoming seminars aim to bridge this gap with a socio-spatial approach, bringing together experts to discuss sustainable mobility and urban planning strategies that could benefit other rapidly growing African cities.

2021 Egyptian side PI: Dr. Nabil Mohareb, UK side (Liverpool University) PI: Dr. Ataa Alsalloum. The proposal is entitled "Sustainable Heritage Management: UK and Egypt." The total funding requested from the British Council is £ 39,982. The British Council's Going Global Partnership Programme (GGP) Grant. (not funded)

Summary: The project proposes to exchange knowledge, develop a leading international outlook and capacity for internationalization perspectives relevant to heritage and tourism sectors, develop distinctive approaches to higher education partnerships to be shared, increase student recruitment by offering a unique program with embedded mobility; support the internationalization agenda; develop research potential and funding for sustainable heritage.

Interviews/Keynote Speaker/Moderator

2024 Moderating an International Union of Architects (UIA) webinar titled 'UN 17 SDGs Commission Atlas of Sustainable Development Goals Implementation Metrics (3+3): Mapping Local Priorities' hosting five experts from the five main regions.

2024 Participating as a panelist, guest speaker, and UIA delegation at **World Urban Forum WUF 12**, with the following entities:
   a. AUC main Unibooth
   b. The International Society of City and Regional Planners (ISOCARP)
   c. Member of the UIA delegation team representing the SDGs commission
   d. Saudi Pavilion Panel Discussion: Sustainable Transformation in a Hot Climate

2024 Panel Member, "Environment and Business," as part of the Smart-Digital-Green (SDG) International Conference 2024, Galala University, Egypt.

2024 Moderated a public lecture: "BioMat Design Philosophy: Resource-Based Architecture" by Prof. Dr. Hanaa Dahy, Professor of Architecture, University of Stuttgart, Founder of BioMat GmbH, Germany, at the Egyptian Engineers Syndicate, Architecture Division.

2024 Presented a manifesto titled "Beyond Profit: The People's Public Spaces Manifesto" at the Humanizing Smart Cities Deliberation, a collaborative event to foster dialogue on humanizing smart cities. The event was part of the World Urban Forum preparation series and organized by Nile University in cooperation with the Arab-German Young Academy of Sciences and Humanities (AGYA) and the Egypt Urban Forum Campaign.

2024 Guest and Juror, Workshop on "Sustainable Horizons: Ecolodge Design in Coastal Cities" King Salman International University, Sharm El Sheikh, Egypt

2024 Invited speaker at the Thirtieth Anniversary & Architectural Conference of the Union of Mediterranean Architects (UMAR). My speech is entitled 'From Ruins to Resilience: Envisioning Gaza's Sustainable Urban Future' at the Bibliotheca Alexandrina, Egypt.

2024 Invited keynote speaker at the International Conference on Environmental Design, Material Science, and Engineering Technologies, with a topic entitled 'Beyond Conventional Boundaries: AI's Role in Shaping Future Academic Landscapes,' Abu Dhabi University, Dubai Campus, UAE.

2024 Invited keynote speaker at the Tanta University Architectural & Urban International Conference, with a topic entitled 'Tech-Driven Urban Spaces: Shaping Movement and Perception,' Hurghada, Egypt

2024 Invited speaker with a talk entitled 'Principles of Scientific Research Writing: Theory to Practice.' Organized online by the Scientific Journal of the Faculty of Fine Arts, Alexandria University, Egypt.

2023 Invited speaker nominated by the Society of Egyptian Architects as one of the three Egyptians' manifestos at the Copenhagen Architecture Festival (CAFx), International Union of Architects (UIA) Congress, Copenhagen, Denmark

2023 Invited speaker, presenting my book chapter on 17/03/2023. GSA: Symposium- The Routledge Companion to Architectural Pedagogies of the Global South, Graduate School of Architecture, University of Johannesburg, South Africa

2023 Interview for the University World News entitled: Accommodation for students entails more than just a roof. University World News, Africa Edition
https://www.universityworldnews.com/post.php?story=20230820204021135

2023 Invited keynote speaker at the 'Sustainability GEN-4 Post COP 27 Conference 2023' with a speech titled: Urban resilience: an urban dialogue between the city and its peripheries,' MSA University, Egypt.

2023 Invited speaker at the Arab Architecture School to deliver an online lecture titled: Computer Vision in Architecture, Arab Architecture School (online event)

2022 Invited speaker at the Arab Architecture School to deliver an online lecture titled: New Research Topics in Architecture and Urban Design. The Arab Architecture School is a platform that connects architecture students and young architects with the most relevant architecture experts across the Arab world.

2020 Invited as a speaker in the panel discussion 'Go global: work & study' at the Architecture Summit 2020 (webinar)

2020 Speaker at the Architecture Summit 2020 Egypt with a presentation titled 'Controlling the movement flow in architecture and urban space.'

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.

2019 Invited as a panelist 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 behavior 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 Guest speaker at the public seminar titled 'Urban based simulation in the digital era: Spatial configuration approach' at the Order of Engineering and Architecture in Beirut, Lebanon.

2016 Moderator of one of the main sessions in the seventh Arab Cities conference, organized by the Federation of Arab Engineers, Organization of Arab Architects, and Federation of Lebanese Engineering in Tripoli, Lebanon.

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 Guest speaker at the Green Week main conference at Tripoli's Order of Engineers and Architects. The lecture's title is 'Compact Cities as a Method of Sustainability: Tripoli as a case study,' Lebanon.

2015 Guest speaker at the main plenary session titled 'What is the vision of sustainability in developing countries?' and moderator a session at the conference Improving Sustainability Concept in Developing Countries, Cairo, Egypt.

2015 Participate in an oral presentation at the 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, Lebanon.

2015 Guest speaker and moderator of the second plenary session of the conference Urban Planning & Architectural Design for Sustainable Development, entitled 'Historic Centres and Tourism Development: Sustainable Paths', in Lecce, Italy.

2015 Moderator for the second session of the 'Tradition 'Heritage' conference in our life conferences at Beirut Arab University, Tripoli Campus, Lebanon.

2013 Invited Key speaker at TEDx Azmi Street, with a presentation titled: Does a place have a memory? Safadi Centre, Tripoli, 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', Lebanon.

2010 Invited to present a lecture at the American University of Sharjah on "Land Use Distribution and Urban Form in Arab-Islamic Cities" within the ARC 424 Course, UAE.

2008 Invited Guest Speaker titled: Investigating historical sites through their spatial configuration: a space syntax approach. In the Proceedings of the Symposium of "Urban Development of Northern District Governorate in the Kingdom of Bahrain, Bahrain.

Lead Workshop Instructor

2024 F-2-F Instructor, Workshop, Motion Mapping: Introductory Workshop on Architecture & Urban Simulation with AnyLogic Application, in the 7th International Symposium on Formal Methods in Architecture 2024, Porto, Portugal.

2024 F-2-F Instructing a workshop entitled 'The Dynamics of Motion: Decoding Movement in Urban Open Spaces through Simulation' as part of the International Conference on Environmental Design, Material Science, and Engineering Technologies at Abu Dhabi University, Dubai Campus, UAE.

2024 Online Instructing a workshop entitled 'Urban Insights: A Space Syntax Exploration Workshop,' which is part of The "UA—Urban Acupuncture: A Strategy of Catalytic Interventions" project under the DAAD Ta'ziz Partnership. This collaborative effort between the University of Kassel, Germany, and architecture departments from Egypt, Iraq, and Lebanon aims to employ urban acupuncture as a strategic urban intervention method. Organized by the University of Kassel, Germany.

2024 F-2-F Co-organizing and workshop instructor's team member, entitled 'Reviving Islamic Architectural Heritage in Egypt: Searching for Authenticity.' The Center for Islamic Civilization Studies, Bibliotheca Alexandrina, Alexandria, Egypt.

2023 F-2-F Member of the workshop instructor's team in the Winter School (5 days) 'Urban parametric design optimization', Accademia delle Arti e Nuove Tecnologie, Rome, Italy.

2021 F-2-F Instructing the one-day workshop '101 Dynamic Movement Analysis Workshop Discrete event modeling: Pedestrian Library of Anylogic' at the Nile University, Egypt.

2020 F-2-F Instructing the 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 cooperation between University of Leeds (U.K.) and Beirut Arab University.

2019 F-2-F Instructing the three-day Space Syntax workshop: building & Urban Spatial Analysis workshop at Housing & Building National Research Center (HBRC), Cairo, Egypt.

2018 F-2-F Instructing the two-day workshop 'G.P.S. application workshop: Movement analysis' delivered at Arab Academy for Science and Technology (AAST) in AbuQir in collaboration with Beirut Arab University, Alexandria, Egypt

2017 F-2-F Instructing the workshop on 'Digital mapping of Landscapes of Urban revolt' is one of the events of the seminar '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 the U.K., Beirut.

2017 F-2-F Part of the instructing team of the Summer School in 'Advanced Urban Planning & Design' organized by IEREK in collaboration with Ain Shams University – Cairo in Roma, Italy.
2016 F-2-F Instructing the workshop entitles 'Searching for urban patterns' workshop at the Green Urbanism Conference, Roma Tre University, Rome, Italy.
2015 F-2-F Instructing the Space Syntax Workshop at IEREK organization, Alexandria, Egypt (20 participants)
2015 F-2-F Instructing the sustainable 'Syntax' of Cities workshop, Architectural Week: Urban Planning and Architectural Design for Sustainable Development (UPADSD) conference, Italy (19 participants).

Awards and Recognition (past three years)

2023 My project, Design with Purpose, Build with Impact, has been shortlisted for the Science of Learning Award 2023. The 10th-anniversary edition is exceptionally competitive: they have received a staggering 1200+ submissions across 17 award categories. The 800 projects that best matched our eligibility criteria were longlisted for the first round of evaluations performed by over 600 international experts. My project stood in the top 30%, securing a spot on the 2023 Reimagine Education Awards shortlist

2023 I have been awarded the ASCAAD 2023 Best Presentation Award: Paper Title: Computer Vision and Object Tracking from Videos: Architecture Applications, selected by the 11th ASCAAD International Conference. The following link shows the award: https://www.facebook.com/ascaad/posts/pfbid0Nde9U8wLXexrFn6u8frmRKHgaRTZBh3Vd8mti aAcb5ewDEWb7XtmwnENUp8cDPNFl

2022 I have been awarded the Outstanding Reviewer award in the 2022 Emerald Literati Awards, selected by the editorial team of Open House International. The following link shows the award: https://www.emeraldgrouppublishing.com/journal/ohi/open-house-international-literati-award-wi nners-2022

Community services, professional work, and architectural competitions

2024 Founder of the ***Spatial Analysis and Simulation Community/Lab (SASL)***, organizing online webinars and workshops and seeking research collaborations. The main website:
https://spatialsimulationlab.com/
This is the initial step to establishing the SASL Lab at AUC. The following are our webinar series:
   a. **2024** Wassim Jabi (Cardiff University), Webinar entitled: TopologicPy: A syntopic approach to geometry, topology, and semantics
   b. **2024** Paul Waddell (CEO & Founder UrbanSim), webinar entitled: Introduction to Urban Simulation on the Cloud: A Decision Support System for Urban Planning
   c. **2024** Yasser El Masri (Sustainability Research Engineer at the United States National Renewable Energy Laboratory (NREL)), webinar entitled: Frontiers of Architectural Research.

d. **2024** Bedour Braker (Architect, researcher, and author at Jan Braker Architekt in Hamburg, Germany), webinar entitled: Architecture as Community Mediator: From Design Vision to Built Reality

e. **2024** Alia Fadel, Senior Lecturer in Landscape Architecture at Leeds Beckett University, UK, webinar entitled: Green Creative Health: The Biophilic Lens to Interdisciplinary Research on Landscape for Health and Wellness.

f. **2024** Sahar Abdelwahab, Senior Lecturer in Built Environment at Leicester School of Architecture, De Montfort University, Montfort University, UK, webinar entitled: Trends in building performance research: Pathways and Postgraduate Opportunities.

g. **2025** Noel Cressie, Distinguished Professor at the University of Wollongong, Australia, and Director of the university's Centre for Environmental Informatics, webinar entitled: Mapping and Monitoring Carbon Dioxide from Space.

2023 Architecture Competition: Participated with TA Mariam Maged Gomaa in the 'Reuse the Tower' competition in Italy.

2022 Consultant to the consultancy services for addressing traffic congestion AlNajah, 23rd July, and AlSalam Streets (New Salalah area) in Salalah City, Oman. Presented to the Office of the Ministry of State and Governor of Dhofar, Salalah, Oman.

2022 Architecture competition: (UIA) Next Generation of Stroke Rehabilitation Centers international student ideas competition (2022 - 2023). Participating with two AUC undergraduate senior students in the International Union of Architects (UIA), which the Next Generation of Stroke Rehabilitation Centers launched. It is an international single-stage student ideas competition open to all architecture students worldwide. The UIA Public Health Group and the NOVELL Redesign Team organized the competition. It is co-sponsored by the Australian Health Design Council (AHDC). Students: Ayah Hany Elsheikh; Rana Desouki.

2019 Participated as a team leader in the 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 the Union of Mediterranean Architects (UMAR).

2009 Design proposal for Aerospace Institute at U.A.E. University new campus Al-Ain, UAE.

2007 A design team member 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 Architecture competition: Alwatany Bank of Egypt's new headquarter office, Architectural Competition (Second Prize), Egypt.

2005 Head team member for Architectural and Urban Design Competition for 40 of the 40 Architect competition in Egypt.

2005 Team leader for Architectural and Urban Design Competition for Redevelopment of the Eastern Harbour, Alexandria, Feb. 2005 (mentioned prize), Egypt.

2003- 2005 Consultant at the Forum for Conservation of Architecture and Historic Heritage (Alexandria, Rosetta, and Siwa) is an NGO funded by US Aid.

2004-2005 Consultant for the Architectural and heritage projects (design and evaluation) for the Ministry of Culture to develop the Giza Pyramids' main entrances and the Old Cairo Aqueduct, Egypt.

2003/2004 Architecture Competition, design ELNG (Egyptian Liquid Natural Gas Company) Main office, (First prize), Egypt.

2004-2005 Redevelopment of the entrances to the Pyramid Plateau (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.

Continuing Education and Skill Development

2017 Attending the Summer School 'Sensemaking of GPS Data in a GIS Environment' at Faculty of Geosciences, Utrecht University (July 2017), Netherlands.

2017 Attending the workshop about 'Critical thinking', Beirut Organized by BAU University, Lebanon

2016 Attending 'Leadership' Workshop, Beirut, Organized by BAU University, Lebanon

2016 Attending 'Budget design' Workshop, Beirut, Organized by BAU University, Lebanon

2016 Co-organizing and attending Parametric and Kinetic architecture workshop (40 hours), BAU University, Lebanon.

2015 Organising and attending LEED V4 workshop (2 days, 16 hours), BAU University, Lebanon.

2014 Organising and attending Building energy modeling simulation workshop (3 days), BAU University, Lebanon.

2015 Attending a one-day Workshop titled: Effective Key Performance Indicators (KPIs) Management, Lebanon.

2015 Attending a two-day parametric design Workshop, BAU University, Lebanon

2009 Attending workshop organized by CABE (UK government's advisor on architecture, urban design, and public space), Bristol from 21-24 June 2009, UK;

2009 Attending Windermere Enterprise School, 8th - 10th July 2009, Organized by Manchester University, UK;

2009 Attending workshop and training 'Leadership in Action,' Brathay Hall, Organized by Vitae, UK;

2009 Attending 'Managing research data well' workshop at the University of Manchester, UK;

2009 Attending Statistical analysis for research using SPSS course, Continuing Education Centre, UAE;

2007 Attending the internship at Space Syntax company (2months), London, UK (2007);

2005 Attending GIS Basics in Urban Development, UTI (Urban Training & Studies Institute Cairo, Egypt.

University service at AUC (past three years at AUC)

Since 2021, I have actively engaged in academic and community services. From 2023, co-chaired the architecture department's accreditation committee. Served as external examiner, jury member, workshop facilitator, and participant in academic forums nationally and internationally, promoting architectural education and collaborations.

Department services

2023 until the present: Co-chairing the accreditation and validation committee, this committee is responsible for three major accreditation bodies: UIA (International), NAAB (International), and Supreme Council of Universities (Local in Egypt)

2022 Co-chairing the Aptitude Test entrance exam committee to the Architecture Department

2022 Organizing a workshop, Futures Thinking for Public Transport System Design, on localizing scenarios in inner Cairo. The workshop presented the future-oriented design methodologies and discussed adapting strategic foresight scenarios to inner Cairo. It will explore uncertainties like population growth and work patterns to inform agent-based simulations of Greater Cairo. The goal is to provide tools to help urban planners, and designers make resilient plans for inner Cairo in the face of future uncertainties. Dr. Nabil Mohareb organizes this workshop; Dr. Sherif Gobran and Atelier by Tjark Gall (IRT SystemX/CentraleSupélec)

2022 Serve on the committee for a 2-step report for a colleague.

2023 Completing a peer assessment report on the design course for a colleague undergoing the first-year review.

School and University Services (AUC)

2024 Moderating the Viva for Ph.D. in Engineering Dissertation Defense, titled: "Implications of the COVID-19 Pandemic on Indoor Air Quality in Educational Facilities", by Farah Ibrahim Shoukry, School of Sciences & Engineering, AUC

2024 Contributed to the committee of 'Introducing a New Undergraduate Program at AUC: Bachelor of Architecture Global Studio A Concept Note.'

2024 Supporting the work of the committee of 'Proposal for New Graduate Programs in Urban Studies and Smart Cities.'

2024 One of the panelists of the SSE Workshop: The AI Revolution in Education: Are We Ready?

2022-2023 On the School level, I am a member of the Internationalization Committee led by Dr. Sherif Gobran

2022 to present As a Standby DRC member, I have evaluated the grant submissions of five colleagues' professional and academic affiliations.

Previous university services (at my former BAU University)

As Founding Chair and Director, I spearheaded numerous strategic initiatives that enhanced the faculty's academic stature and operational excellence. Key accomplishments include:

2018 RIBA Validation: Successfully secured an unconditioned validation for RIBA Part I and II, culminating in official recognition in 2018. This was achieved through meticulous adherence to RIBA's rigorous standards, demonstrated during the initial visit in 2017 and the final review in 2018.

2017 Doctoral Program Initiation: Established a Ph.D. program in architecture in the 2016-2017 academic year, expanding our academic horizons and fostering advanced research.

2016 Curriculum Development: Launched the Master of Architecture (M.Arch) program, distinguished by its innovative Design-Build approach, enriching our educational offerings.

2016 New Program Implementation: A new program in Interior Design was introduced, broadening the faculty's academic diversity and creative output.

2016 Founder of the Environmental Lab: equipped with state-of-the-art data loggers and an on-site weather station, enhancing research capabilities in environmental and architectural studies.

2015 Founder of the Digital Fabrication Lab: Developed a digital fabrication lab to support cutting-edge research and teaching in digital design and manufacturing.

2014 Workshop Series Development: Established a series of workshops focusing on digital and kinetic architecture, which have significantly contributed to student and faculty development.

2014 Community Engagement: Strengthened ties with the local and regional community through various outreach and collaborative initiatives, enhancing the faculty's societal impact.

2013 Research Funding: Actively participated in securing international research grants, fostering a culture of research excellence and collaboration.

2011 to 2021 Student Achievements: Under my leadership, students achieved unprecedented success in local, national, regional, and international competitions, highlighting the faculty's commitment to excellence in architectural education.