

# MOHAMMED GABR

ARCHITECT & LECTURER IN ARCHITECTURE & URBANISM

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## #EDUCATION



### PhD

January-2022

SCHOOL OF BUILT ENVIRONMENT (SOBE) - UNIVERSITY OF SALFORD

- Doctor of Philosophy in Urban Design (campus planning). Dissertation: "Student Experience and the Design of Campus Outdoor Spaces: An Optimized Assessment and Comparative Cross-Case Analysis at Universities from two Leading Nations – England, UK & California, US"

### PhD-

October-2016

WELSH SCHOOL OF ARCHITECTURE - CARDIFF UNIVERSITY

- Successfully completed my 1<sup>st</sup> year PhD study (2016-2017).
- Won the 'best Poster Design' in the 4<sup>th</sup> WSA RESEArchi 2015-16 conference.

### MSc

December-2012

ARAB ACADEMY FOR SCIENCE, TECHNOLOGY & MARITIME TRANSPORT (AASMT)

- M.Sc. in Architectural Engineering & Environmental Design - (RIBA II), "Excellent" (GPA 3.92/4.0)
- Thesis: "A Sustainable Learning Environment - The 21<sup>st</sup> Century Responsive Classroom in Egypt"

### BSc

Sep 2001 - Jun 2004

ARAB ACADEMY FOR SCIENCE, TECHNOLOGY & MARITIME TRANSPORT (AASMT)

- (Hons) in Architecture Engineering & Environmental Design, College of Engineering & Technology with Honour "Excellent", June 2004.
- In a class of 65 students, I was ranked amongst the top 3 (Excellent with honour - GPA 3.71/4.0).

### BSc-

Sep 1998 - May 2001

KUWAIT UNIVERSITY

- Studied 3 years in the Dept. of Architecture, Faculty of Engineering & Petroleum, Kayfan, Kuwait

## #ARCHITECT



PROFESSIONAL  
ARCHITECT

August 2008-Present

NOON-ARK ASSOCIATES, Alexandria, Egypt

- One of the 4 co-founders & a specialist in providing research, planning & design solutions.
- Coordinating with the structural, MEP and fire-fighting engineers/systems - according to the codes of standards and ethics - in diverse architecture and urban projects.
- Creating detailed designs, drawings, specifications, and resource estimates.

SENIOR ARCHITECT &  
MANAGER  
2006-2008

I-TEC ASSOCIATES, Al Khobar, KSA

- Branch executive director. Office based at Sheraton towers, Montaza, Alexandria.
- Concept developer & modelling for analysis for residential-public-commercial projects in KSA.
- Tender & construction supervisor for a complete set of drawings, specs & MEP systems.

LANDSCAPE JUNIOR  
ARCHITECT  
2005-2008

HEAD OFFICE, Alexandria, Egypt

- Mega-scale projects: landscape for Heritage Int School, Cairo; Lagoon Club & Acacia Social Club, Alexandria; Seagull fish restaurant & extension for Nice Touristic Village, Northern Cost.
- Developing expertise and up-to-date architectural modelling/presentations (CAD, 3D MAX & Photoshop), document preparation for government building approvals & visiting building sites.

FIELD ARCHITECT  
2005-2006

SQUARE ENGINEERING FIRM, Alexandria, Egypt

- Amongst an engineering team who are responsible for the development and execution for the Mall and Cinema Complex in 'San-Stefano Grand Plaza' project.

JUNIOR ARCHITECT  
2004-2005

EGYPTIAN ARCHITECTS GROUP (EAG), Cairo, Egypt

- Made first contacts with clients, introducing our architecture services & discuss client needs.
- Participated in Sofitel hotel, Giza; EChem Petroleum Company, Cairo; mixed used twin tower, U.A.E
- Worked in the design dev., 3D interior designs, construction initiative & working drawings.



## #TEACHING



LECTURER

**Sep 2023 - Present**

ARAB ACADEMY FOR SCIENCE, TECHNOLOGY &amp; MARITIME TRANSPORT, Alexandria, Egypt

- Re-Join after gaining PhD, to update knowledge & understanding in area of specialism & transfer this current knowledge into up-to-date lecture materials and expertise to the profession.
- To engage in both teaching initiatives & active leadership (int. & ext. direction-funding).
- To make a positive contribution to appropriate research groupings/centres.
- To present at conferences and/or exhibit work at well-recognised events.
- To adopt a welcoming & accessible attitude towards students, offering office hrs, informal advice, etc.

LECTURER HPA

**Nov 2022 - Present**

HUDDERSFIELD UNIVERSITY, Huddersfield, UK

- Develop course brief, lecture materials and deliver modules, in collaboration with module leaders.
- Set, mark and assess online exams & reflective journals, and provide feedback to students.
- Identify areas where current modules need revision or enhancement (new role - 2023).
- Suggest/develop a range of approaches/techniques to the learning experience for students with the intention to enhance students engagement, challenge preconceptions and foster debate.

LECTURER HPA

**Dec 2021 - Present**

UNIVERSITY OF SALFORD, Salford, UK

- Develop course brief, lecture materials and deliver across a range of 6+ modules, in collaboration with module leaders.
- Set, mark, and assess work and examinations, select appropriate assessment tools and criteria, and provide constructive and comprehensive feedback to students.
- Identify sources of students funding and develop or contribute to funding/grant applications.
- Engage students with other specialties/fields, ext. organizations, suppliers, consultancy agencies, etc.
- Arrange and/or supervise student projects, field trips, workshops, and invigilation (since 2017).
- Contribute to publications in peer reviewed academic journals about the campus of UOS.

## #RESEARCH

PART TIME RESEARCH  
ASSISTANT**Oct 2020 - Apr 2021**

IGNITION, University of Salford, Salford, UK

- Carried out 6 months research in the field (survey data collection), tracking human comfort & user experience both inside the Salford Museum (indoors) and on the peel-park campus (outdoors).
- Project Planner - Prof Hisham Elkadi, Line Manager - Dr Inji Kenawi.

PART TIME RESEARCH  
ASSISTANT**Feb 2020 - Jul 2020**

VIETNAM-UK HEP PROJECT, University of Salford, Salford, UK

- Part time role involved working among diverse research team between both the university of Salford in UK and Mien Tay Construction University (MTU) in Vietnam in a governmentally funded research project "Towards a Curriculum for the 21<sup>st</sup> Century".
- Project Planner - Prof Hisham Elkadi, Line Manager - Prof Aziz Zeeshan.

FACULTY ADJUNCT

**Apr 2018 - May 2019**

CITY PLANNING - SCHOOL OF PUBLIC AFFAIRS, SDSU, San Diego, California, USA

- Contributed to develop and deliver lectures, tutorials, supervisions, practical/fieldworks and seminars/talks in a range of urban/city planning courses (supervised by prof Bruce Appleyard).

E-COURSE DIRECTOR,  
ARCHITECTURE**Jan 2016 - Aug 2016**

SIXTH FORM COLLEGE, Cardiff, UK

- Part-time role involved preparing materials and coming up with the learning content into various interactive course (eLearning-formats) and game scenarios.
- Created new challenging topics in online courses with creative types of assessments for secondary school students (AA levels) at UK.
- Courses were directed for advanced career paths in the fields of architecture and design disciplines.

E-LEARNING OFFICER

**Dec 2015 - Apr 2016**

WELSH SCHOOL OF ARCHITECTURE, CARDIFF UNIVERSITY, Cardiff, UK

- Member of the Panopto team at the College of Engineering & School administrator digital duties.
- Worked as lecture recording operator to set up and support MSc lecture capture.

GTA &amp; ASSISTANT

LECTURER

**Sep 2008 - Oct 2016**

ARAB ACADEMY FOR SCIENCE, TECHNOLOGY &amp; MARITIME TRANSPORT, Alexandria, Egypt

- Participated in teaching departmental courses (e.g. Graduation Design, Computer Applications, Int. to Regional & City Planning, Urban & Landscape Design, Building Technology & Execution Design).
- Prepared lectures' presentations & class notes, supervising & evaluating students' works/exams.
- Joined the dept. team for implementing the system on educational processes (member of the NAQAAE) - with Focus on the assessment of learning outcomes and the internal quality assurance systems.
- Participated in instructive ISO work (course file summaries/outlines & progress sheets, students' assessment methods, final examination procedures & course reviews), preparing for the department RIBA & annual exhibitions, assisting in the Dept. research work & academic advisor for 25 students.



## #PUBLICATIONS



- Gabr M.**, Bayumi A. & Ashraf, S. (2024). *Co-Creating the Future of University Campuses : Predicting the Impact of Spatial, Usability and Behavioural/Sequential Patterns at Student Success*. Future Cities and Environment [Unpublished manuscript].
- Gabr M.**, Bayumi A. & Bayumi O. (2024). *A New Vision for a Learning-Oriented Gated University Campus : Navigating the Urban Qualities through a Simulation-Aided, Spatio-Temporal Mapping, and Socio-Spatial Fragmentation Methods*. Journal of Cultural Geography [Manuscript in final preparation].
- Gabr M.** & Elkadi H. (2023). *The Impact of Investment in University Campus Open Spaces on the Student Experience : An Assessment of Universities in the UK and USA*. Urban studies and planning. doi: 10.20944/preprints202304.0390.v1
- Gabr M.**, Heysham N., Farzin M., Itheme M., and Adeniyi I. (2019). *The Development of a GIS-Based Model for Assessing Universities Outdoor Space Design*. Sustainable Built Environment (SBE) 2019 Seoul Smart Building and City for Durability & Sustainability; Dec 12-14, 2019.
- Gabr M.**, Elkadi H., and Trillo C. (2018). *The Effectiveness of University Campuses to Enhance the Student Experience*. PLACE 2018, University of Alberta, Canada.
- Gabr M.**, Elkadi H., and Trillo C. (2018). *The Effectiveness of University Campuses to Enhance the Student Experience* (Poster presentation). SPARC 2018, University of Salford.
- Gabr M.**, Elkadi H., and Trillo C. (2018). *Exploring Innovation in Campus Outdoor Spaces: Lessons from Leading US Universities*. SPARC 2018, University of Salford
- Gabr M.**, Elkadi H., and Biscaya S. (2017). *Re-interpretation of the Contextual Values. Innovative Campus Outdoors as a Platform for Enhancing the Student Experience in UK Higher Education Sector* (Poster presentation). IPGRC 2017, University of Salford.
- Gabr M.**, Elkadi H., and Biscaya S. (2017). *Utilizing Innovation potentials on Campus Outdoors - For the Development of the University of Salford*. IPGRC 2017, University of Salford.
- Gabr M.**, Elkadi H., and Trillo C. (2017). *Campus Spaces as Actors of Innovation: Recognising the Campus Outdoor Physical Environment as Cognitive Typologies to Outfit the Student-Community Innovation* (Session Talk). SPARC 2017, University of Salford.
- Gabr M.**, Abdel Galil R., Bayoumi A. (2015). *Restoring eco-responsive learning spaces; A holistic, multi-level analysis towards courtyard integrated environment at Alexandria University, Egypt* (Poster presentation). The 6<sup>th</sup> world conf on ecological restoration, Towards Resilient Ecosystems; Restoring the Urban, the Rural and the Wild, Manchester Metropolitan University, Manchester, UK, Aug 23-27, 2015.
- Abdel Galil R., **Gabr M.**, Bayoumi A. (2015). *Towards Eco-Responsive Learning Spaces - Incorporation of day-light considerations for education development in courtyard spaces, the case of Alexandria University, Egypt* (Poster presentation). The 49<sup>th</sup> international conf of Architectural Science Association (ASA2015), Living & Learning: Research for a Better Built Environment, Melbourne School of Design, University of Melbourne, Australia, Dec 1-4, 2015.
- Gabr M.** & Bayoumi A. (2014). Paper-1: *An Inventive Approach towards Sustainable Transport Planning in Developing Countries; A Vision for Green Transport Corridor in Alexandria, Egypt*. Paper-2: *Effect of High-Rise Modern Buildings on the Thermal Performance of Traditional Urban Fabric; Simulation Study*. Proceedings of Culture of Liberty in Visual Arts & Architecture, The 4<sup>th</sup> Scientific Int Conf, Alexandria, Egypt, June 3-5, 2014.
- Elseragy A., Elnokaly A., **Gabr M.** (2011). *Building Sustainable Learning Environments that are 'Fit for the Future' with Reference to Egypt*. World Sustainable Building Conf, SB 11, Helsinki, Finland, Oct 18-21, 2011.
- Elseragy A., Elnokaly A., **Gabr M.** (2009). *Modular Eco-Class - An Approach towards Innovative and Sustainable Learning Environment in Egypt*. The 8<sup>th</sup> International Conf on Sustainable Energy Technologies, SET 09, Aachen Germany, Aug 31 - Sep 03, 2009.



## #AWARDS



LECTURER / DIGITAL FABRICATION  
**May 2023**

SALFORD ADVANTAGE FUND / REVIVE GRANT 2022

- Contributed as the course lecturer in a students' funding in L6 'Applied Architectural Engineering' module in the BSc Architectural Engineering programme, SSEE, University of Salford. The winning/nominated models based on the best student design to build a 1:1 scale pavilion (revealing the DfMA approach) was constructed/assembled to be displayed as part of the end-of-year exhibition and as part of the 2023/24 Welcome and Induction Week.

MARIE CURIE RESEARCHER  
**Apr 2018 - 2019**

CITY PLANNING - SCHOOL OF PUBLIC AFFAIRS, SDSU, San Diego, California, USA

- Granted a 12-month secondment within a massive research team of experts and higher degrees of supervision - as part of the MAPSLED project for the period 2016-2020 funded by Horizon 2020. My role was on analysing, assessing and ranking (experience-based) design investments in the campus spaces of the US universities.

SUPERVISOR & SPEAKER  
**15-17 Oct 2018**

4<sup>th</sup> "PACT" CONFERENCE BY IBEX, University of East London, the Docklands Campus, London, UK

- Awarded a place to participate in organizing and exchange knowledge in an international conference 'The Parallelism in Architecture, Engineering and Computing Techniques conference'.

PHD SCHOLARSHIP  
**Sep 2017**

UNIVERSITY OF SALFORD, Salford, UK

- After successful completion of the 1<sup>st</sup> PhD year at Cardiff University, I was granted a partial scholarship by the University of Salford for the duration of the standard period of PhD study for the chosen study programme under the guidance of Prof Hisham Elkadi (Head of school).

SUPERVISOR & SPEAKER  
**12-14 Oct 2016**

GREEN URBANISM CONFERENCE BY IBEX, Roma Tre University, Rome, Italy

- Awarded a place to participate in organizing and exchange knowledge in an int. conference 'The Periphery as a Catalyst for Energy and Skills'.

PARTICIPANT & PRESENTER  
**10-24 July 2016**

6<sup>th</sup> INTERNATIONAL SUMMER SCHOOL BY IBEX & University of Lincoln, Lincoln, UK

- Awarded a place to Participate & conduct a fieldwork/survey & present the outcomes at 2-weeks workshop titled 'Sustainable Energy & Building Technology: Resilient Architecture'.

PARTICIPANT & PRESENTER  
**Dec 2015**

INTERNATIONAL RESEARCH-FUNDED PROJECT BY NEWTON MUSHARAFA FUND, Aswan, Egypt

- Accredited a place at Int. Workshop 'Rebuilding Communities for Resilient and Sustainable dev: Eco-Cities', between University of Lincoln, UK & Cairo University, Egypt - Elnokaly & Elseragy.

## #REFEREES

(not to be contacted at this stage)



Professor Hisham M. A. Elkadi (PhD supervisor)  
Chair & Head of School of Built Environment  
School of Science, Engineering & Environment, Univ of Salford  
H.Elkadi@salford.ac.uk

Professor Ahmed Elseragy (MSc supervisor)  
Associate Professor/Director of Enterprise  
School of Engineering, College of Science, University of Lincoln  
aelseragy@lincoln.ac.uk

Professor Sara Biscaya (Employer)  
Reader in Arch & Built Environment (Sub. Area Leader)  
School of Design & The Built Environment, Univ of Huddersfield  
s.biscaya@hud.ac.uk / 01484 258568

Dr Fadi Shayya (Employer)  
Architect, Urbanist, Researcher & Lecturer in Architecture & Urbanism  
School of Science, Engineering & Environment, University of Salford  
f.shayya1@salford.ac.uk

## EXPERTIES



Revit	<div style="width: 90%; background-color: black;"></div>
AutoCAD	<div style="width: 100%; background-color: black;"></div>
3D MAX	<div style="width: 80%; background-color: black;"></div>
Sketchup	<div style="width: 70%; background-color: black;"></div>
Adobe Photoshop	<div style="width: 75%; background-color: black;"></div>
Adobe InDesign	<div style="width: 85%; background-color: black;"></div>
Microsoft Power Bi	<div style="width: 95%; background-color: black;"></div>
Microsoft Office	<div style="width: 100%; background-color: black;"></div>

## SKILLS



LANGUAGES  
Include proficiency level of Arabic (native) & English (fluent).

VOLUNTARY EXPERIENCE  
Engagement with architectural organizations, involvement in local community initiatives and voluntary charity work.

DRIVING LICENSE  
Holder of full driving license in UK, Egypt, USA & Kuwait.

HOBBIES & INTERESTS  
Football, Swimming, Chess, Cycling & Travelling