

CURRICULUM VITAE

NAME: Omar Musa Naji Amireh

BORN: Amman-Jordan 1954

MARITAL STATUS: Married

QUALIFICATION: B.Sc. Architectural Engineering 1978
Ph.D. Urban Design and Planning of “ISLAMIC CITY and ARCHITECTURE” 1990

POSITION: Associate Professor
Department of Architecture University of Jordan 9/2014- Now

**Ex. ActingDean,College of Architecture and Design
Petra University, President Advisor for Engineering
Consultations 9/2007-9/2014**

SPECIALITY: Evolving UrbanPlanning, Design and Architecture of the Constructed Environment

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1990 – 2011 Studies, Researches and Training Activities

Studies:

Urban Design and Planning

- Evolution of the city center of the main three old cities in Jordan; SALT, IRBID and KARAK 1998.
- Effects of first Secondary Schools on the growth and evolution of the city centers of old cities in Jordan 2000.
- Emergence and wide spread use of tunnels and bridges on places of old circles, effectson Amman’s profile, cityscape and map 2005.
- Consequences of changing vehicle streets into pedestrian malls on the traditional shopping (SUQ) market and shoppers trends 2006.
- Newlaws and legislationsneeded in the changing buildings new heights, sizes, types and uses of Towers, Skyscrapers and Mega Structures (Malls, Hotels, Towers and new urbanfacilities) 2007.
- Appropriateness of old transportation systems; terminals, stops and routes on the spread and expansion ofnew districts of Greater Amman 2007.
- Adoption of GreenBuildingconcept and use on the urban sustainability of old Amman.
- THUWAL, Master Plan and Town Development ,Urban Planning and Design of Thuwal Master Plan within a Sustainable Context, Saudi Aramco, Zuhair Fayeze , Jeddah, Saudi Arabia October 2008.
- HAQEL Housing Estates master plan of 500 housing units and all complimentary public facilities, Tabouk Saudi Arabia 2012

Research and Published Papers

-- Constants and Variables in Mosques Architecture in Jordan.

The Agakhan program for Islamic Studies Department of Architecture University of Jordan 1992

-- Urban Hybrid Tissues in the Growth of Amman. The Architectural Scientific Magazine, BeirutArabUniversity, issue (8) 1994

-- Amman Experiencing Open Plazas and Parks,“Adaptation of space to User or User to space”: Open house International, Volume (20) November. 1995

- **Colonial Trends in Dealing with the Traditional Islamic Cities:**Sixth Architectural Week, Jordanian Engineering Association, Amman 1992
- **The Mosque of Rome “A Cross Cultural Architecture:** Islamic Culture Volume LXXV111 N4 2004
- **Jerusalem and the Other Facet of Planning:** The University of Applied Sciences, Jerusalem Day Amman, 1995
- **Contemporary and Inherited concepts in the Terminology of Modern Architecture.** The Architectural Scientific Magazine, BeirutArabUniversity, issue (11,12) 1998
- **Jerusalem Publications “ Reading between the Lines:**Damascus University Magazine, volume 18, N 2 Damascus 2002
- Architectural Manipulation:**Contemporary Architecture in the Arab World, School of Architecture and Technology, University of Alger, Algeria 2003
- Applying Information Technologiesin MeasuringtheChanging Qualityof Life“From Nomadto Urbanism“,** Asian Transactions on Engineering, Asian Transaction V1, I4, 2011.
- Designing Architectural Interactive Design “Users’ Experiences versus Functions”**,the International Journal of Architectonic, Spatial and Environmental Design, Design Principles and Practices by: Common Ground Publishing, V6, I2, 2013.
- The Model Child(Between International Standards and National Values)**,European International Journal of Science and Technology, Center for Enhancing Knowledge (CEK) UK, V2, I2, 2013.
- An Introduction to Creative Thinking in ArchitecturalDesign**, International Journal of Engineering & Technology,IJENS: International Journals of Engineering & Sciences, V13, I5, 2013.
- Childhood Care Campaign: The CCC Initiative New Concepts of Child UrbanHealth Policies and Strategies**, American International Journal of Contemporary Research (AIJCR), Center for Promoting Ideas (CPI), USA, V3, 10, 2013.
- Applying Land Carrying Capacity: Planning and Constructing (THUWAL SA) Urban Environment**, the International Journal of the Constructed Environment, Common Ground Publishing, V3, I4, 2013.

Conferences

- The Jordanian Engineering Association the Sixth Architectural Week**, Amman 1992.
- Al-AZHAR Engineering Third International Conference**, Cairo December 1993.
- The Tenth General Conference of the Arab cities Organization**, Dubai April 1994.
- Amman the City and its Society**, CERMOC Amman 1996.
- The Jordanian Engineering Association. The Architectural Symposium on High-rise Building**, Amman2002.
- **Growing up in Differences between the International Norms and Standards and the National Values and Concepts:**Children and the Mediterranean, Health, Cultureand Urban Setting,Genoa January 2004.
- **Absence of Child Health Care as an Independent Body in the Jordanian Policies and Strategies:**Children and the Mediterranean, Health, Culture and Urban SettingGenoa January 2004
- **Amman Children Map:** Urban Children and Youth in the MENA Region, Dubai May 2005.

-- **Applying Information Technologies in Measuring Changing Quality of Life “From Nomad to Urbanism:** ED Conference Integrating Engineering Education with Community services University of Sharjah, 2006 Sharjah UAE.

--**Abstract Thinking, an Introduction to Creative Thinking in Basic Design:** ASCAAD, Alexandria, Egypt, 2007.

--**Designing Architectural Interactive Design: Users’ Experiences versus Functions,** Sixth International Conference on Design Principles and Practices, UCLA, Los Angeles, USA, 2012 Common Ground Publisher.

--**Applying Land Carrying Capacity In Planning and Constructing (THUWAL SA) Urban Environment,** Third International Conference on Constructed Environment, British Columbia University, Vancouver, Canada, 2012 Common Ground Publisher.

--**Malls New Urban Blind Architecture: Causes and Effects of New Malls on Amman’s Urban Evolution, Design Trends and Shopping Pattern,** Eighth International Conference on Design Principles and Practices, Design as Collective Intelligence, 16-18 January 2014, Vancouver Canada.

Workshops and Training Programs

--**Tiling Details and Applications** Ministry of Public Work Amman 1996

-- **Growing up in Amman** Municipality of Greater Amman 2002

-- **GUIC Training Program** UNESCO Amman 2003

-- **GIS GPS Applications and Use in Urban Design and Planning** Royal Geographic Center Amman 2004

-- **Al Husayneiya/ Maan,** Urban and Environmental development project, needs committee member, Ongoing GIS studies 2004- 2009

--**Urban Regeneration and the Role of Traditional Architecture,** British Council and College of Traditional Islamic Arts, seminar attended by Prince Charles and Prince Ghazi, Amman October 2004

--**Interior Details and Construction,** Jordanian Engineering Association, Amman 2005

-- **Urban conservation and maintenance,** Masqat Municipality, Oman 2006

Professional Practices and Experience

-- Elected Member Of the Architects Council of the Engineering Association 92-94.

-- Member of the Jordanian Engineering Association 1978-2014

-- Member of Bilad Al-Sham History Committee 2004- 2008

-- Member of the Committee developing Architectural and Urban Codes, the Royal Scientific Society 2003 -2005

--Member of JU Committee Assessing Al-Huseinai Urban and Environmental needs. 2004-2008

Urban and Architectural Experience:

1978--1980 Design Dept. (Part time)

SIGMA CONSULTING ARCHITECTS & ENGINEERS (AMMAN)

- Design, the **Professionals Union**, Office Building, Investments and Pension Funds.
- Design, Details and Contract Documents the **UTG Office Building** 8000 m².
- Design, the **Arab Seas Insurance Co.** Office Building.

- Design, Details and Contract Documents, **MahdiAlsyfi** Residence 2000m².
1982 -- 1983 Design Dept. (Part time)
SHUBEILAT BADRAN KAILANI ARCHITECTS & ENG. (AMMAN)
- Contract Documents, **The Islamic Comprehensive School and Dormitories for Orphans**, all levels Including Nursery and Craft Technical High, School 36000m².
1983 - 1989 Projects Manager Senior Architect (full time)
SHUBEILAT BADRAN KAILANI ARCHITECTS & ENG. (AMMAN)
- Planning, design, details and contract documents, the **South Cement Factory Housing Estate** (540 dwellings), Rashadiya Tafilah south of Jordan.
- **Queen Alia Town Growth Center**, urban planning, design and contract documents (7000 residential units and central business district, on 7000 acres)
Phase 1, feasibility study and land use plan in collaboration with, Sir William Halcrow London.
Phase 2, Housing Estate, Master Plan and Report (Two Neighborhood 3000 Dwellings plus all complementary Public Buildings) in collaboration with Sir William Halcrow London.
Phase 3. Project Manager and Senior Architect of the Design, Details and Contract Documents of the 3000 dwellings, Public Buildings and the two neighborhood centers and other buildings in the town center.
- Member of the Design Team of the **Royal Academy for Islamic Culture** Competition (entry awarded first prize).
- Senior Architect, and Manager for preparing the Technical and Financial Report and Submission of the **Jamea Mosque, Cultural Center and the Justice Palace of Qasr Al-Hukm**, urban design, Riyadh Saudi Arabia.
- Design with another Architect the preliminary Architectural design for the **Justice Palace** submission ranked first), Riyadh Saudi Arabia.
- Senior Architect and Project Coordinator for the urban design, design, Details and contract Documents of the **Jamea Mosque** (joint venture with Burro Happold Bath UK) Riyadh Saudi Arabia.
- The Minbar of Salah Al-Deen “Computer Configuration and Reconstruction”
1990 -- 1993 **Consultations**
- Design and preparation of the technical drawing of Mr. Abu Al-Rub Palace 2000m², Rabiya Shmeysani.
- Head Juror of the Aqaba Resort Hotel 360 Room.
- Head of the Committee who prepared the Invitation Documents of three competition Aqaba Jordan.
- Consultant, the University of Ma’an.
- Member of a Committee for preparing standards and specifications, Ministry of Industry and Commerce.
- Member of the Committee revising the Codes of Urban and Architectural Practice, The Royal Scientific Society.
- Consultant for the Ministry of Higher Education for, accrediting engineers and architect, Graduate Degrees.
- Member of a Committee in the Engineering Association for revising and accrediting Higher Degrees.
- 1996 – 2003 **Consultations**
- World Bank Consultant**
- Developing Norms and Standards in Designing Health Facilities Amman Jordan 2002-2003
- Consultant House of Architecture**
 - Design and preparation of the technical drawing and accommodation programs of **Alisra’ Hospital** 120 bed 20000 m².

- Design of several public and residential buildings.

2004 – 2007 **Consultations**

- Design, Management and Implementation Interior Design, **King Abdullah II Career Counseling Office Fund for Development**, University of Jordan, (the King himself inaugurated the office)
- Preliminary Design The **Recreational Center** University of Jordan 15000 m2 6,000,000.00 Six million JD
- Preliminary Design **Alhuseineyya Development center** 3,000 m2 500000.00 JD
- Tikrit, **Iraq Strategic Development and Urban Design Fundamentals**, Regional Developments 2007-2008.
- Design of several public and residential buildings

Competitions

- **The Reconstruction of the Souks of Beirut**, urban design, Entry ranked one of the first group A 29 projects out of 365 projects.
- **The International Architectural competition for the New National MUSEUM of Korea** 350 Projects.
- **The University of Ma’an, Ma’an Jordan** Design and preparation of the technical drawings.

ACADEMIC EXPERIENCE

1990-2008 Associate Professor (full time)

DEPT. OF ARCHITECTURE FACULTY OF ENGINEERING UNIV. OF JORDAN

- **Urban Design Courses** fifth year
- **Urban Planning** fourth year
- **Design Courses**, all years
- **Final Project** fifth year
- **Graphic Design Courses** 1st, 2nd years
- **Interior Design** fifth year
- **Building Construction Courses** 2nd, 3rd and 4th years

Graduate Master Courses

1990 -- 2007 Associate Professor

DEPT. OF ARCHITECTURE FACULTY OF ENGINEERING UNIV. OF JORDAN

- **Theories of Urban Design**
- **Urban Spacescape**
- **Art and Architecture in the Islamic Context**
- **Contemporary Architecture in the Islamic World**
- **Urban Spacescape in Contemporary Arab City.**
- **Research Methodology**
- **Sustainable Development, Changing Urban Environment**

1987 -- 1990 Ph.D. Student (full time)

MACKINTOSH SCHOOL OF ARCHITECTURE, UNIV. OF GLASGOW BRITAIN

“The Evolution of the Spatial Patterns of the Islamic city”, Supervisor Dr. Michael Burgoyne, Author of Mamluk Jerusalem.

Thesis Supervision

The Human Dimension Reexamined
“Amman Downtown”.

Evaluation of Public Urban Spaces in Amman
Area as Perceived Experience.

Political and administrative Impact on Urban Formation of the
Arab Islamic Cities.

Traditional Values of the Old Souqs of
Amman.

The Influence of the Early Decorative Geometry on the spatial evolution of the Umayyad
Palaces in Bilad Al-sham And Andalusia.

GreenBuilding in the Traditional and the Contemporary Practices in Jordan.

Incorporating Local Schools as community centers in the crowded districts of Amman .

Several Theses in urban studies and urban pollution and design

Master Thesis Examiner

The Roll of the Urban space of Great Mosque Within the Urban Context of the Traditional
Arab Muslim Cities 92.

Local Community and Its role in The Urban Formation of Arab City.

Tools for Design Investigating Computer Impact on Architectural Design Process

Several Theses in urban studies and urban pollution and design

Under Graduate Courses

- Planning Legislations and laws
- Municipal Legislations and Laws
- Buildings Legislations and Laws
- Architectural Design Courses, all years
- Final Project Theses and Design Supervisor and Instructor.
- Theories and History of Architecture and Urbanism.
- Professional Practice and Economics.
- Computer Applications and Graphic.
- Contemporary Architecture and Urbanism.
- Urban Design GIS GPS applications