

C.V

NAME: PROF. Dr. Rizeq Nimer Shaban Hammad

NATIONALITY: Jordanian

DATE OF BIRTH: 5-10-1947

Place of birth-Jordan

Married with 5 children

Education:

B.Sc. OF Architecture

AL-Azhar University - Cairo, Egypt 1971

Ph.D. Arch. & Building Engineering Dept.

Liverpool University

Liverpool England, 1982

Environmental Control, Acoustics, Day lighting
& Thermal

MS. Computer Aided Design

Architecture & Building Engineering Dept.

Strathclide University, 1987

Glasgow, UK.

WORK AND POSITION:

Site Engineer

Hudhud & Shand Building Contractors

Amman -Jordan 1971-1974

Responsible of executing a housing project of 145 units and other
Facilities such as streets, markets, landscape... etc.

Studying and helping in supervision other projects:

The Islamic Hospital in Amman, Ahmed Qara Mosque and complex,
Government Building office, Passport building.

Design Office and Partner

Almuhandesoon Al-Shabab

Amman, Jordan 1974 - 1978

Designing and supervision several Projects:

Housing, Markets and high-rise buildings

Teaching Assistance

University Jordan 1978 - 1979
Research Student
Arch. & Building Engineering Dept.
Liverpool University
Liverpool, England 1979-1982

Assistance Professor
Arch. Dept.
University of Jordan 1982-1988

Associate Professor
Arch. Dept.
University of Jordan 1988-1990

Associate Professor
Arch. Dept.
U.A.E. University
Alain, U.A.E. 1990-1993.

Associate Professor
Arch. Dept.
University of Jordan
1-9-1993 to 2 - 10 - 1995

Full Professor
Arch. Dept.
Jordan University
2-10 - 1995 to 30-8-1997

Full Professor
Arch. Dept.
Jordan University for Women
1-9-1997 to 30-8 1998

Full Professor
Arch. Dept.
Jordan University
1-9-1997 to 30-8-2001

Full Professor (on a cepatic leave)
Arch, Dept Ajman University
Head of department, Ajman Campuse
1-9-2001 to 31-8-2004

Full professor
Jordan University
1-9-2004 – 16-9-2005

Full professor Head of department
Jordan University
17-9-2005-10-9-2006

Full Professor Dean of Architectural and art Faculty
Al-Albait University
11-9-2006- 7/9/2008

Full Professor
Jordan University
7/9/2008 - now

COMMITTEES

Member of Deanship Committee, Al-Albait University, 2006 &2007

Member of the Promotion Committee, Al-Albait University, 2007, **2008**

National Committee for the Islamic Style (HEAD):
Responsible of Applying the Islamic Style in Jordan
Ministry of General Public Working.

Member of a committee in design and supervising
King Abdullah Mosque and Culture Canter.
Ministry of Agawam - Jordan.

Member of the National Committee Coding.
Ministry of General Working - Jordan.

Member of the National Committee of Public School
Buildings.
Ministry of Cities - Jordan

Member of the design team for supervising the
Design of Prince Hassan Theater, Jordan University.

Some Refereed and published research after the Ph.D.

- "Measurement of Absorption Coefficient of different material used for Acoustic Treatment" Derasat; Jordan University, Journal, Vol. 18 (1990) PP 7-22.
- "RASTI Measurement in Mosque in Amman Jordan" Applied Acoustics (UK) 30 (1990) PP 335 -345.
- "Acoustics of King Abdullah Mosque" Journal of the Acoustic Society of America (JASA) 90(3) Sept., 1991
- "Architectural Representation Means with Particular Reference to Computer " the 31st Syrian Scientific Week Conference, Teshreen University, Lattakia, Nov. 2-8, 1991.
- "Traffic Noise and its Effect" the 19th Arab Engineering Conference, Cairo, Egypt, Oct. 23-24. 1991.
- " Traffic Noise Simulation by Means of Computer" 3rd Iraqi Engineering Conference, University of Tech. Baghdad, 24-26 Nov. 1990.
- RNS Hammad and BM Gibbs: " The Acoustic Performance of Building Facades in Hot Climates: Part I-Courtyards". Applied Acoustic 16 (1983) 121- 137.
- RNS Hammad and BM Gibbs:" The Acoustic Performance of Building Facades in Hot Climates: Part II-Closed Balconies" Applied Acoustic 16 (1983) 441-454.
- RNS Hammad and BM Gibbs: The Acoustic Performance of Building Facades in Hot Climates: Part III - Conventional Screens" Applied Acoustic 20 (1987) 183-194.
- BM Gibbs and RNS Hammad:" Acoustic Protection of Perforated Facades of Unusual Geometry " Architectural Science Review. Volume 28 (1985) 65-68.
- BM Gibbs and RNS Hammad:" Acoustic Protection of Perforated Facades of Perforated Screens for Buildings in Hot Climates". Proceedings, Institute of Acoustics, Vol. 7 Part I (1985) 143-150.

- RNS Hammad:" The Development of Fresnel Integrals and its Application in Building Facades. " Proceeding of the Jordan International Electrical and Electrical Engineering Conference". Jieec85-28/4 - 1/5/1985. PP.356-360.
- RNS Hammad & MK Abdelazeez:" Measurement and Analysis of the Traffic Noise in Amman, Jordan and its Effects". Applied Acoustics 21(1987) 309-320.
- RNS Hammad:" Simulation of Noise Distribution in Rectangular Rooms By Means of Computer Modeling Techniques". Applied Acoustics 24(1988) 211-228.
- "RASTI Measurement in Mosque in Amman, Jordan" Applied Acoustics (UK) 30(1990) pp. 335-345.
- "The Acoustic of Queen Alia Airport: Measurements and Proposal" Derasat (Jordan University Journal) vol. 22 no. 2 1995 pp. 11 - 50.
- "The Acoustic Design of Lecture Theaters: A Comparison Study Between Field Measurements and Computer Modeling Techniques" 2000,Derasat, Jordan University Vol. 27, No. 2, pp215-226.
- "The Acoustics of Amman Sport Arena: The Design and Result" 2000, Architectural Science Review, Vol. 43 No. 4 pp183- 189
- " The Utilization of Daylighting in Buildings and Energy Saving" (2000) proceeding of the Sustainability in Desert Regions, University of UAE, Al-Ain, UAE
- "The Courtyard as a dayligh regulator" proceeding of the Urban Development in Desert region, Riyadh 2-4/12/2002
- "The acoustics Performance of Lecture Hallas" Proceeding of the Assuite Engineering Symposium, 20-22/4/2003
- "The Architectural Design to Achieve Low Coast Housing Units: Green Housing"2003, Proceeding of the 1st Housing Conference, Reyad, S.A.

- “General Principles of Green Architectural Design and Their Application in Saudi Low Coast Housing” 2005, Proceeding of the 2st Housing Conference, Riyadh, S.A.
- “INTELLIGENT DESIGN AND PLANNING TOOLS: Simulation of the Acoustic Environment from Cornu Spiral to Complete Reality” ,2006, Proceeding of the Conference: Computing in Architectural design: Re-Thinkingthe Discourse, 2nd International Conference on Computer Aided Architectural Design, 25-27 April, 2006, American University of Sharja, Sharja, UAE.
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BOOKS

- * "Architectural Acoustics ", UAE University Publication, first edition 1993
 - * "Architectura Acoustics ", Jordan University Publication, second edition 1996
 - * "Architectura Acoustics ", Jordan University Publication, 3ed edition 2006
 - * “Day Lighting & Artificial Lighting In Architecture” Al-Markiz Al-Arabia Publication 1995, Amman, Jordan
 - * “Lighting Techniques” Jordan University Publication, 2007-03-10
- This book is awarded the first price of Philadilphia University for the year 2007
- “Manual of Tropical Housing & Buildings” Translated to Arabic, Jordan University Publication, 1996.
 - "Room Acoustics" published by the Jordan Engineering Assocaition, 2008

Some Work; related to Acoustics & Lighting:

In Addition to the published, in international refered Journals, work mentioned upove, I design several project with local and International consultant:

- Design the acoustics in Al-Hashimite university in Zarka with Segma Consultant Office, Amman that include: Main theater, lecture Halls, labs and all spaces in the compuse,1998
- Designing and supervising the work in King Abdullah Mosque, Amman this work continue for 7 years (1982-1988) and we published several papers in international Journal, as shown above.
- Designing Movenpick hotel, Dead Sea, second stage, with Segma Consultan Office, Amman, 1998
- Measuring and reporting to the designer of 3 Cinemm, Zara Project, Amman, with Segma Consultant Office, 1998
- Designing the Theater and Culture Center in Tabook, Saudi Arabia, Consultant Association Office, Amman,1997
- Designing the new TV Studio in Jordan TV cumpose, with Al baha Consultant Office. Amman 2006
- Designing Art Collegae, Yarmouk University, Including: Main TV Stodio (350sq.m) and main theater, 600 persons, and several traing TV stodios and Radio, with Subh Consultant Office, 2006
- Measuring and solving the noise problem in Holiday Inn, Amman. 1998.
- Supervising and measuring the Acoustic work in Alhassan Theater, Jordan University, (1500 persons).,1984-1987
- Designing and suervising Prince Hamza Areana, with 7000 audians and published the result work in Architectural Science Review Jornal, Austraila, 2000.
- Measurements of the Noise in Queen Alia Airport and its Effect on Employeears, with cororation with Royal Jordanian , The result is publised in refered jornal. 1995
- Measurment of different Absorption Coefficient of different local material, the result is published in Derasat, Jordan University Journal, 1990.
- Measuring the insulation of gypsum board, used in Fastlink Building, Jordan, 2000
- Designing Almukalla University, Yemen, Including the main theater, lecture theaters, leture halls and laboratories.1998
- Designing the Parliament Buildings in Yamen, with Germany Firm, Jedar Office and CC Office,2000 – 2002.
- Solving the noise problem ib Al-Jazerah Hospital, Abo-Dabi, UAE with Arabtic Jerdanah, 2000.
- Designing several halls in Saraya Project, Aqaba, with Arabtic Jerdana & Partener, 2007
- Designing main theaters in Jordan- Germany University, with Al-Omrانيا Office, 2008

- Designing special partition to meet the Helton Hotels Company Criteria, in Jordan Gate Project, Amman, Jordan 2008
- Designing the acoustics in Queen Alia International Airport, with Sir. William Foster & Partener 2008
- Checking the acoustic in Salalh International airport, 20 million passanger airport in Oman Sultanate, with local designibg office, 2009
- Designing the lightinh in Amman International Airport (New one), this include all airport facilities, some 40,000 square meters, 2009 with copoperation with Pro Engineering Design Office, Amman, Jordan.
- Designing the lighting of Northpoint Office Building, ARAMCO, SA, some 50,000 square meters (warehouse building) office building, 2009, offices, open plan offices meeting rooms and other facilities, with cooperation with Pro Engineering Design Office, Amman, Jordan
- Designing the acoustics of Northpoint Office Building, ARAMCO, SA, some 50,000 square meters (warehouse building) office building, 2009, with cooperation with Pro Engineering Design Office, Amman, Jordan