

RAHMA HAGI

Architectural Engineering Dept.
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Education

University of Notre Dame, Notre Dame, Indiana, USA, MADU, 2003-2005
Major: Architecture and Urbanism
Thesis: Urban Expansion for Dubai: re-establishing a humane and sustainable paradigm for urban growth

United Arab Emirates University, Al-Ain, UAE, B.Sc, 1995-2000
Major: Architectural Engineering

Teaching Experience

UAE University, Architectural Engineering Department 2012-Present
Instructor

"ARCH 302: Introductory Building Design Studio"
"ARCH 315: Building Construction System"
"ARCH 344: Building Technical Installation"
"ARCH 507: Advanced CAAD Application"

University of Notre Dame, School of Architecture 2003-2005
Teacher Assistant

"ARCH 11021. Graphics II: Drafting"
"ARCH 41011. Graphics V: Computers"

UAE University, Architectural Engineering Department 2002-2003
Lab Instructor

"Building Construction III"

UAE University, Architectural Engineering Department 2000-2002
Teacher Assistant

"Graduation Projects"
"Architectural Design I – VI"
"Building Construction I – III"
"Computer Graphics in Design & Construction"
"Environmental Control"
"Urban Planning"

Professional Experience

Job Captain, Lessard Design Inc. (Reston, VA, USA, 2011- 2012)

Provided project team coordination for incorporating design intent in to the construction documentation, specifications, and during construction administration - Assisted the project team during the full design process - Prepared and ensured accuracy of technical documents - Participate in the construction administration of project assignments, including evaluation of bids, review of shop drawings and submittals, quality control, site visits - Coordinate with consultants, contractors, fabricators, specification writers, and regulatory agencies to meet overall project objectives

PROJECT:

Whitehall (Fort Lee, NJ, USA)

Size: 310,800 square feet, 194 residential units

Planned Use: residential, garage parking

Selected Accomplishments

- Prepared and ensured accuracy of technical documents
- Participated in the construction administration of project assignments, including evaluation of bids, review of shop drawings and submittals, quality control, site visits.
- Coordinate with consultants, contractors, fabricators, specification writers, and regulatory agencies to meet overall project objectives

Project Architect, SK&I Design Group, Bethesda, MD, USA 2007-2009

Developed preliminary design for residential and mixed uses projects. Prepared working set drawings, specifications, and construction documents. Applied artistic experience and technical skills to create freehand sketches and color architectural presentations, renderings and site plans.

PROJECT:

Sheridan Terrace Redevelopment (Washington DC, USA)

Size: 2.4-acre site: 810,000 square feet

Planned Use: residential, parking

Selected Accomplishments

- Completed the project folder to participate in HOPE VI competition for Housing Federal Grant, which resulted in Sheridan Terrace's selection for the \$20,000,000.
- Devised a complete design for town houses that was compliant with design development rules and incorporated all client requirements.
- Created hand-rendered color presentations of proposed designs that were used during client presentation and become an essential part of the project.

Urban Designer, Urban Design Associates, Pittsburgh, PA, USA, 2005-2006
 Provided various pre-design services which may include conducting feasibility and environmental impact studies, selecting a site, or specifying the requirements the design must meet. Evaluated and apply standard urban design techniques, procedures, and criteria, using judgment in making minor adaptation and modifications on projects. Managed the presentation and reported development for clients.

PROJECTS:

Festival Ranch (Phoenix, Arizona, USA) The master plan for 3500 housing unit is based on sustainable principles of environmental conservation and preservation, health and wellness for residents and cultural enrichment.

Selected Accomplishments

- Created neighborhood design by using urban design and planning concepts and translate them into clear and compelling graphic images with efficient time during the charrette.
- Evaluated and standardized graphic presentations resulting in reduced duplication and cost savings.

Research Experience

Research Assistant 2002

"Information systems in construction: A case-study for healthcare projects"

PI: Al Zarooni, S and Abdou, A (UAE University)

Research Assistant 2002

"Maximizing Daylighting with Solar Control in Design Studios in the UAE"

PI: Fikry, F and Al Sallal, K (UAE University)

Research Assistant 2001

"Post Occupancy Evaluation of University Educational Buildings"

PI: Gabar, H and Al Sallal, K (UAE University)

Conference and Symposium

"Urban Expansion for Dubai: re-establishing a humane and sustainable paradigm for urban growth." Paper accepted at 46th International Making Cities Livable Conference On True Urbanism: Designing the Healthy City, Santa Fe, NM, USA, June 1 - 5, 2008

"Lessons from Vernacular Architecture for Low Energy Buildings: Development of AL Marriagah Area" Poster Presented on Sharjah Solar Energy Conference , organized by the University of Sharjahin Collaboration with World Renewable Energy Network (WREN)Sharjah, UAE, Feb 19-22,2001

Honors, Awards, Grants and Fellowships

Sk&I Travel Grant (\$1000) Sk&I architectural Design Group, MD, USA	June 2008
Travel Grant (\$400) School of Architecture University of Notre Dame, IN, USA	October 2004
Burgee 2nd Year Fellowship University of Notre Dame, IN, USA	2004-2005
Bond-Montedonico Fellowship University of Notre Dame, IN, USA	2003-2004
The Low Energy Building-Architectural Theme in the Renewable Energy Award organized by the University of Sharjah in Collaboration with World Renewable Energy Network(WREN)	February 2001

Certifications

- Green Roofing: Basic Design and Environmental Impacts.
- Meet Sustainable Design Standards by Using DCV, Demand Controlled Ventilation.
- Indoor Environmental Quality: Designing Healthier Interiors – Basic IEQ001
- Professional Engineers PDH Credits in TRACO3: Window Installation Guidelines and Detailing.
- Window Cleaning/Suspended Maintenance & Fall Protection Systems.

Skills

<i>Institutional</i>	Freehand drawing, Water color, Pen and Pastel Pencil coloring
<i>Computer</i> MS office	Revit, AutoCAD, 3D Studio MAX, Photoshop, Indesign Adobe,
<i>Languages</i>	Proficient in verbal and written Arabic and English