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Asma' Mahmoud Faleh Bataineh

Date of Birth November 17 1978

Place of Birth Irbid/ Jordan

Citizenship Jordanian

Address P.O. Box 3030, Irbid 22110, Jordan

Tel.: + 962 (0) 2 7201000, ext. 22746

Email: ambataineh@just.edu.jo

Work Experience 2005- present



Working experience:

2012- present

instructor

department of architecture

College of Architecture and Design

Jordan University of Science and Technology

9/2018- 9/2022

Dean Assistant

College of Architecture and Design

Jordan University of Science and Technology.

2008-2012

full-time lecturer

department of architecture

College of Architecture and Design

Jordan University of Science and Technology

2007-2008

full-time lecturer

department of architectural engineering

College of engineering

Jordan University of Science and Technology

2005-2007

Assistant Instructor

Institute of Architecture and Islamic Arts

AL-alBayt University

Al Mafrak, Jordan.

February- June 2005

part time lecturer

Institute of Architecture and Islamic Arts

AL-alBayt University

Al Mafrak, Jordan.

October-February 2001

Teacher Assistant (TA)

Department of Architecture

Jordan University of Science and Technology

Teaching Experience

Instructed courses:

DESIGN

- Graduation Project 1: introduce various approaches to choosing design problems and Developing students' abilities of project thesis writing.
- Graduation Project 2: Developing a comprehensive architectural and/or urban solution to the design problem that has been identified and analyzed in Graduation Project (1).
- Design 6: Advanced design of buildings with an emphasis on the tectonics of structures, envelopes, materials, and engineering & environmental systems... as the integrated design approach
- Design 2: Focus on Understanding and exploring function in architectural design.
- Design 1: Studio-based on investigation of the fundamentals of making architectural form and space with an emphasis on human-based inquiry and exploration.
- Basic Design 2: Deal with Formal attributes of three-dimensional visual designs.
- basic design 1: dealing with design principles of two-dimensional visual designs.

ARCHITECTURAL AND CONSTRUCTION DRAWINGS

- Architectural Drafting: to enable students to acquire basic skills in architectural drawings and handwriting.

BUILDING CONSTRUCTION

- Building Construction 1: introductory of construction of buildings. It deals with basic construction materials used.
- Building Construction 2 (Systems)
- Building construction 3 (finishes)

PRESENTATIONS

- Visual communication 1: Basic skills of freehand drawing as a means of expressing perceptions
- Visual Communication 2: Basic technical methods and proximate methods of perspective construction
- Visual communication 3: basic skills of manual presentation techniques.

METHODOLOGY

- Architectural Analysis and Programming: Talk about architectural and facilities programming. Predesign studies and design problems analysis and understanding. Fundamental concepts and models of architectural problem-solving.

Professional Experience

September 2001 to July 2005

Architect and Planning Engineer

West Irbid Municipality

Irbid, Jordan.

Training for three months (summer-2000)

Trainee at JADARA Consultant and Designing Office

Irbid, Jordan.

Education

- Master in Architectural Engineering 2004

Jordan University of Science and Technology

Title of the Thesis: A Study of Thermal Performance Analysis "Case of SOS Buildings" Supervision of Dr. Hikmat Hammad,

Email:hikmat_ali@yahoo.com

- Bachelor of Architectural Engineering 2001

Jordan University of Science And Technology

Graduation Project: The Permanent Center of Abdul-Hameed Shoman Foundation.

Supervision of Dr.Natheer Abu Ubaid, Email: natheera@just.edu.jo

Graduated in June 2001 and was the Second in Rank Among 32 Students.

Research Interest	Sustainable Architecture, building technology, Environmental Design; thermal performance, passive energy, building simulation, envelope design, and building construction. Human Thermal Comfort, Buildings' Energy Consumption. Design methods and educational strategies
Associations and Memberships	<u>1996- present</u> Member, (JEA) Jordan Engineers Association/ Division of Architecture Jordan
Academic Services and Activities	<u>2005-present</u> : Jury member in many graduating projects and design courses' juries at various Jordanian universities <u>2019 Coordinator</u> , Zoo Design at JUST campus.
Publications	<ul style="list-style-type: none"> • Asma' m. Bataineh, Hikmat h. Ali. 2021, "<i>Improving Energy Efficiency of Multi-Family Apartment Buildings Case of Jordan</i>", International Journal Of Energy Economics And Policy, Accepted June 2021. DOI: https://doi.org/10.32479/ijeep.11394 • Ibrahim, Anwar, Ahmed Attia, Asma' Bataineh & Hikmat H. Ali. 2020. "<i>Evaluation of The Online Teaching of Architectural Design and Basic Design Courses Case Study: College of Architecture At Just, Jordan.</i>" Ain shams engineering journal. https://www.sciencedirect.com/science/article/pii/S2090447920302471 DIO: https://doi.org/10.1016/j.asej.2020.10.006 • Shouib Nouh Ma'bdeh, Amani Al-Zghoul, Tamer Alradaideh, Asma Bataineh, Saba Ahmad, 2020, "<i>Simulation Study For Natural Ventilation Retrofitting Techniques In Educational Classrooms—A Case Study</i>", Heliyon, vol.6, issue 10, https://www.sciencedirect.com/science/article/pii/S2405844020320144 DIO:https://doi.org/10.1016/j.heliyon.2020.e05171 • Shouib Ma'bdeh, Saba Ahmad, Tamer Alradaideh, Asma Bataineh, 2020, "<i>Lowcost ventilation strategies to improve the indoor environmental quality by enhancing the natural ventilation in multistory residential buildings</i>", Periodicals of Engineering and Natural Sciences(PEN), vol.8, issue 4 http://pen.ius.edu.ba/index.php/pen/article/view/1678 DIO: http://dx.doi.org/10.21533/pen.v8i4.1678 • A. Bataineh, W. Batayneh, T. Harahsheh, Kh. Hijazi, A. Alrayes, M. Olimat, Asma Bataineh 2021"<i>Early Detection of Cardiac Diseases from Electrocardiogram Using Artificial Intelligence Techniques</i>", International Review on Modelling and Simulations (I.RE.MO.S.), Vol. 14, N. 2 ISSN 1974-9821 https://www.praiseworthyprize.org/jsm/index.php?journal=iremos&page=article&op=view&path%5B%5D=25243 DIO: https://doi.org/10.15866/iremos.v14i2.19869 • Bataineh A. and Hammad H.(2011), "<i>A Study of Thermal Performance Analysis of Low-Income Housing in Jordan: Case of SOS Buildings</i> ", The fourteenth architectural week, December 2011 http://www.jeaconf.org/UploadedFiles/Document/794179d5-f00b-4ef2-9bc2-284576f5ad7a.PDF • Abu Alatta, Rawan; Momani, Hind & Bataineh Asma'.(2022)," <i>The effect of online teaching on basic design studio in the time of COVID-19: an application of the technology acceptance model</i>" Architectural Science Review, 2022 https://doi.org/10.1080/00038628.2022.2153791
Languages	Arabic: mother tongue

Attended Training Courses and Workshops

- English: v. Good
 - How to Prepare Online Course, Magna publications, 2020 (online course).
- Discussed topics:
 - Course Design
 - Classroom Climate
 - Active and Engaged Students
 - Feedback
 - how to prepare online courses.
- Research excellence: from application to publication, (ADC), JUST, 2020
- Lessons from Online education, virtual design studio, CAD, JUST, 2021
- Workshop On Managing Transitions for Sustainability, ENEPLAN, (Developing Skills in The Field of Integrated Energy Planning in MED Landscape), Erasmus+ project, Egypt, 2018.
- Digital Platforms in Teaching (Learning Process Framework & Digital Resources) April, 2018 Jordan Universities, 2018
- E-Learning Workshop, that discussed E-Learning and Creating and Editing Educational Videos using Camtasia Studio, (ADC), (JUST), 2018.
- high level renewable energy efficiency master course workshop at UIBK, HEBA project, Erasmus+, Innsbruck, Austria, 2018.
- Energy management system workshop, SEM-SEM project, Erasmus+, Greece ,2017
- learning design, (ADC), JUST, 2017
- online learning design, (ADC), JUST, 2018
- Course Assessment System Workshop, (to prepare for NAAB Accreditation) CAD, JUST, 2018
- Modern Educational Methodologies and Educational Portal (MethodsX) toward Improving Teaching and Learning in Jordan workshop, (ADC), JUST, 2018
- development of Curriculum & Study plans, JUST, 2017
- 2015: planning for creative cities, EUNIC, GIM, and European Union, March, 10-12, 2015.
- Modern University Instructional Methods, Academic Development Center; Jordan University of Science and Technology (ADC),(J.U.S.T), 2009.
- Testing and Evaluation "University Examinations, (ADC), JUST, 2008
- Effective Communication at Workplace, Power Up Jordan, 2021
- Renewable energy sources, Power Up Jordan, 2021
- Water-energy Nexus, Power Up Jordan, 2021
- EGREEN Energy project workshop, EGREEN Project, 2018
- Urban Planning, Ministry of Municipals Affairs(MMA), Amman, 2004.
- Engineering Management, Ministry of Municipals Affairs (MMA), Amman, 2004.
- Engineering Drawing using AutoCAD, Jordan Engineering Association (JEA), 2003.

- Attending all workshops, lectures of NAAB accreditation policy, procedure, requirements held at department of architecture, CAD, JUST, 2018,2019,2020,2021 in addition to workshops to evaluate online courses, 2021
- Nanomaterials for Green Energy, Lecture, JUST, 5\10\2017

Awards, Exhibitions and Conferences

Awards

- Omrania -CSBE- 8th cycle for 2015, Honorable mention, for graduation projects. Submitted by student Yara Al Qutub, July, 2015
- KAADB, The project of the student Alaa Rabaa'a (graduation project supervised by Arch. Asma Bataineh, from the Department of Architecture, won the support of the King Abdullah II Fund for Development and the Abdullah II Center for Creativity and Design, after a competition within architecture graduation projects at the level of architecture departments in Jordanian , 2018

Exhibitions

- 12th Arab Architectural Exhibition For Graduation Project, Morocco,2014: Faisal Rajab (graduation student) one of 3 students share this exhibition from just.
- Graduation Projects Exhibitions, JEA, for several years

Conferences

- attendance at the 7th international Jordanina architectural conference "Architecture & AI", (JEA), Amman, jordan 27-28 April 2024.
- participation & attendance: 14th architectural week "desert architecture", (JEA), Amman, December, 2011
- attendance: fifth Architectural Jordanian International Conference, JEA, Amman, 2016
- attendance: 1st architectural forum for north branches, (JEA), JADARA university, 2016
- Attendance: ENVENT conference (Promotion of Innovation Culture In The Higher Education In Jordan project), Erasmus+ project, dead sea, Jordan, 2018
- attendance: 4th architectural conference "towers and high rise buildings", (JEA), Amman, June, 9-11, 2008

Services

Department and university assignment:

- College Beautification Committee, CAD, JUST, 2018- 2022.
- College Facilities Rehabilitation Committee, CAD, JUST,2018-2022.
- participating in many committees at the university; LOGOs design rules for different colleges and departments at JUST, committee of (AL-Mou'awia) memorial monument competition, and the committee of designing the informative presentation &video of the university. JUST, 2018-2022.
- Initiator of the project (discovering downtown cities), CAD, JUST, through this project the college held several trips for the students from all departments to discover different downtown cities, like Amman, Irbid, As-salt, ajloun.... etc. hosting experts from different disciplines.2018, 2022.
- Presentations - Hammad H., Bataineh A., and Al-Momani H., "Integrated framework for implementing sustainability into the architectural design process", public lectures series, JUST, Feb. 2017
- Initiator of the project (discovering foreign cities) for CAD students, Cairo trip, CAD, JUST, 2017
- Collage Social Committee, CAD, JUST, 2018-Present.
- new extension of Academic Development Center (interior design), 2016
- Acceptance Exam (department of architecture) 2011, 2012, 2014, 2015
- Integrated Design Exhibitions: coordinator (J.U.S.T and JEA), 2012. 2013
- Building Construction Exhibition, CAD: J.U.ST, 2009
- Academic Advising, Architecture department, CAD, JUST, 2008 till now.
- Social, Labs, Drawing halls and public safety committees, CAD, JUST, 2008 2021.
- Coordination between the architecture and architecture engineering syllabus committee, CAD, JUST, 2008,2009,2010.
- Organizing and supervising the workshop of (Model making and craftsmanship Critical thinking and idea development Importance of sketches and taking notes) for students at CAD, JUST, 2018

- Organizing and supervising the workshop (model-making) for students at CAD, JUST, 2018
- Organizing and supervising the workshop (photography) for students at CAD, JUST, 2018
- Services to the Profession and Community
- Member Jordan Engineers Association (JEA), 2001- Present.
- Member: Final Jury Committees in different Universities
- Member: scientific trip to Spain and Portugal, scientific committee, JEA, 2016
- Volunteer: annual jury tour day 2013, 2014, 2015
- Volunteer: Al Hussein Youth Camps for Work and Construction, ministry of youth (MOY), 2011
- Volunteer in (YAUM ALFARAH), volunteer's activity day for the community (focused kids), at Othman Bin Affan school (Irbid), 7/7/2012