

# Dr. Naim Jabbour DDes, ALM, MSc, LEED AP, Assoc AIA

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## PROFESSIONAL SUMMARY

Architecture is a process that creates, molds, and shapes our world. I'm interested in architecture that adopts a restorative, symbiotic, and regenerative approach. My goal is the advancement of sustainable architecture: a process that entails promoting high performance buildings that are well integrated, energy efficient, and highly resilient. I'm constantly striving to promote architecture that is equally articulated by both tectonics and environment. As professionals, we need to strive towards a pragmatic utopian architecture that promotes socially, economically, and environmentally practical and meaningful places...

## PROFESSIONAL EXPERIENCE

### *Atelier Naim Jabbour*

**08, 2009 – Present**

#### Principal Designer/Owner

- Atelier Naim Jabbour is an architectural design consulting firm specializing in research, high-end residential architecture, and sustainable design.
- Primary responsibilities include the following:
  - Planning and programming, schematic design, design development, and graphic packages.

### *Pennsylvania College of Technology, Williamsport, PA (<http://www.pct.edu/>)*

**08, 2009 – Present**

#### Instructor, Architecture Technology department

08, 2009 – 05, 2013

#### Assistant Professor, Architecture department

08, 2013 – 05, 2023

#### Associate Professor, Architecture department

08, 2023 – Present

- Courses taught:
  - Design Studios, Theory, Sustainability, Building Performance, Sustainable Community Planning, Sustainable Rating Systems, History, Urban Design Discourse, Global Studies, Graphics, Intro to Architecture.
- Primary responsibilities include the following:
  - Instruct and evaluate student performance in Architectural Technology and in Architecture and Sustainable Design, including but not limited to all coursework within the curricula.
  - Provide coordination and supervision for instructional field projects.
  - Advise, schedule, and maintain accurate records on students.
  - Maintain office hours according to contractual guidelines.
  - Write and update course syllabi; assist with curriculum review, revision, and development.
  - Assume responsibility for laboratory development, coordination, and maintenance.
  - Comply with College safety, hazardous waste disposal, and recycling policies.
  - Engage in professional development and technological upgrading activities.
  - Contribute to the betterment of the College through School, department, and College-wide committee participation.
  - Assist with the development and maintenance of course, department, and school Outcomes Assessment plans, activities, and documentation.
  - Assist with the development of grant proposals and with follow-up activities.
  - Collect, maintain, and analyze student outcomes assessment data for use within the department and the school.
  - Assist the Department Head in developing instructional material lists, equipment specifications, department budget requests, and assist in planning and development of the master schedule.

- Assist in providing tours and student recruitment activities scheduled by the College, School, and/or department.

**LEED Equity National Working Group Member, USGBC**

**02, 2023 – 12, 2023**

- A formal working group of the LEED Steering Committee, the DEI Working Group serves as an advisory body responsible for making recommendations for supporting and advancing diversity, equity, and inclusion in the built environment through the LEED green building rating systems. The group is charged with proposing a framework, providing feedback on specific proposals, and supporting the evolution of LEED using the consensus process in accordance with the mission, guiding principles, and strategic plan of USGBC. Primary responsibilities include the following:
  - Create a framework for advancing diversity, equity, and inclusion in the built environment
  - Communicate progress and accomplishments to the LEED Steering Committee and the CEO of the U.S. Green Building Council.
  - Work with staff to ensure LEED effectively implements the approved framework

**Principal Investigator, National Science Foundation S-STEM BE Scholars Grant Program**

**08, 2017 – 08, 2022**

- Primary responsibilities include the following:
  - Administering a \$1,000,000 STEM grant over 5 years
  - Serving on the selection committee
  - Advising and mentoring student scholars
  - Instructing and delivering the designated FYE class
  - Annual reporting to the NSF

**Assistant Dean, School of Construction & Design**

**06, 2018 – 06, 2019**

- Primary responsibilities include the following:
  - Assist the Dean with oversight of the daily operational aspects of the school.
  - Assist Dean with strategic planning for the academic school and provide support for new school initiatives and related special projects.
  - Responsible for on-and off-campus instructional and special projects as assigned by the Dean.
  - Assist Dean with school operating budget and purchasing process.
  - Collaborate with Dean and Department Heads and update on a systematic basis the capital, operating, and initiative funding needs of the school.
  - In coordination with the Dean, define budget parameters on an annual basis using enrollment projections, faculty and staff input, and institutional initiatives.
  - Review and process paperwork related to students' academic profiles, to include curriculum changes, external and internal course transfers, prerequisites and co-requisite waivers, course substitutions, drops/add, and other student transactions.
  - Handle inquiries regarding academic and institutional policies.
  - In coordination with Department Heads, manage facilities and equipment; recommend changes/upgrades; monitor utilization and development as required.

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- In coordination with the Dean and Department Head, develop master schedule; respond to faculty/contractual requests/requirements.
- Assist Dean with all aspects of new student matriculation, including orientation programming and monitoring incoming student schedules.
- Coordinate and supervise the student probationary process.
- Supervise employees under his/her purview.
- Coordinate school inventory, i.e., equipment, furniture, supplies.
- Prepare and document equipment specifications for grants, etc.
- Coordinate/conduct tours for prospective students and other visitors, including industry visits.
- Assist Dean with program review and outcomes assessment processes, data collection, and analysis.
- Assist Dean and Department Heads in identifying, hiring, and orienting adjunct faculty.
- Recruit faculty and coordinate the school's engagement for College Transitions events.
- Coordinate Open House activities, academic school tours, and special recruitment initiatives.
- Ensure academic school web pages and portal sites are maintained.
- In cooperation with Public Relations & Marketing, supervise the school marketing activities.
- Support school initiatives for social media marketing.

### ***U.S. Green Building Council, Washington D.C.***

**05, 2011 – 05, 2015**

#### **National Chair, USGBC Students (region 11 – PA, NJ, DE) – Center for Green Schools**

- Primary responsibilities of this volunteer position include the following:
  - Overseeing the development, implementation, management, and growth of the program nationally
  - Recruitment, training, and facilitation of the activities of USGBC Students Regional Chairs and student groups
  - Serving as a liaison between USGBC Students National, USGBC Chapters, and USGBC student groups
  - Developing and delivering targeted tools and resources for the program within a designated region

### ***PBK, Houston, TX***

**08, 2001 – 07, 2008**

#### **Project Designer/Project Executive**

- Primary responsibilities include the following:
  - Planning and Programming, Schematic Design, Design Development.
  - Graphic packages and Competitions.
  - Preliminary project meetings, client meetings, project presentations, and follow-up meetings
  - Project Types: Educational (K-12 & Higher Education), Athletic Facilities, Office, and Administrative Facilities, Civic and Public Facilities

## **EDUCATION**

### ***Carnegie Mellon University, Pittsburgh, PA***

Doctor of Design in Architecture (DDes) – GPA=4.0

**May 2022**

*Dissertation: Design Optimization for Net Zero Energy Apartment Buildings in Lebanon: A Parametric Performance Analysis.* (Honorable Mention, CMU Energy Research Poster Competition)

### ***Harvard University, Boston, MA***

**08, 2014 – 05, 2018**

Master of Liberal Arts (ALM), Extension Studies, Field: Sustainability – Dean's List/Honors

*Thesis: An Iterative Parametric Modeling Analysis of Architectural Indicators and Associated Impacts on Energy Consumption in a Pennsylvania Single-Family Home.*

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## **Harvard University, Boston, MA**

Post Graduate Certificate in Green Buildings & Communities, Extension School **2016**

Post Graduate Certificate in Daylighting Buildings, Graduate School of Design **2012**

## **Carnegie Mellon University, Pittsburgh, PA**

Master of Science (MSc), Architecture – GPA=4/4.3 - sustainable design concentration **08, 2008 – 05, 2009**

## **Louisiana State University, Baton Rouge, LA**

Bachelor of Architecture (BArch) – GPA= 3.6/4 (Graduated 2<sup>nd</sup> in class – Dean’s List) **01, 1997 – 05, 2001**

## **Temple University, Philadelphia, PA**

Design Studio Workshop, Study Abroad Program, Rome, Italy **Summer 1997**

## **AWARDS**

- ***Penn College Excellence in Teaching Award, 2024***
- ***Penn College Excellence in Academic Advising Award, 2022***
- Honorable Mention, CMU Energy Research Poster Competition, 2022
- OJ Baker Memorial Design Competition Award
- AIA Henry Adams Certificate of Merit for Excellence in the Study of Architecture Award
- National AIA/AAF Scholastic Award for Scholarly pursuit in the Field of Architecture
- LSU Architectural Technology Award
- LSU Outstanding College of Design Students Nominee
- LSU Leadership Program Nominee
- Arden O. French Leadership Award Nominee
- Tau Sigma Delta Architecture Honor Society
- Golden Key National Honor Society

## **COMPUTER SKILLS**

- Digital Drafting/BIM: AutoCAD, Revit architecture, Sketchup
- Rendering and Graphics: Adobe Photoshop, Adobe InDesign.
- Energy Modeling: E-Quest, GBS-Insight, Design Builder, Energy10, Energy Gauge, BEopt, Sefaira, Cove
- Mapping: GIS ArcView-ArcMap (Arc GIS 9.3)
- Presentation: PowerPoint, Prezi, Windows Movie Maker

## **PENN COLLEGE INVOLVEMENT**

- Writing Enriched Task Force **Fall 2013-Spring 2014**
- College Council **2017 & 2023**
- Global Experiences Committee **Fall 2018-Spring 2020**
- Middle States self-study Steering Committee **Spring 2020-Spring2022**

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- Online Self-study Committee Spring 2020-Spring 2021
- FYE 2.0 Fall 2020-Spring 2021
- Professional Development Presentations Spring 2020/Spring 2021
- Communications Rubric Taskforce Spring 2021
- Physics Search Committee Spring 2021
- LEAP Search Committee Spring 2021
- Global Experience Taskforce Spring 2021
- Provost Search Committee Spring 2022
- Enrollment Management Retreat Spring 2022
- Student Affairs Governance Committee Fall 2022-Spring 2023

### **MEMBERSHIPS, AFFILIATIONS, ACCREDITATIONS, AND CERTIFICATES**

- USGBC National Member
- Central PA USGBC Chapter Member
- NCARB Member
- AIA Member - Associate AIA designation
- Lebanese Green Building Council: Member of the Education and Awareness Committee
- Harvard Alumni for Climate and the Environment
- LEED Accredited Professional with a specialty BD+C, USGBC (2009)
- Building Performance Analysis Certificate, Autodesk (2013)
- Innovation Engineering Blue Belt Certificate (2022)
- AIA PA School Construction Task Force (2023)
- USGBC LEED DEI Working Group (2023)

### **PUBLICATIONS**

- A comparative meta-analysis of residential green building policies in targeted countries and their impact on overall energy patterns (2020)
- A parametric modeling analysis of architectural variables and their associated Impacts on energy consumption in a baseline Pennsylvania single-family home (2020)
- Energy production and consumption patterns: an examination of the state of energy, electricity, and air pollution in Lebanon