



1. Name and Academic Rank:

Sandy J. Chaaban, Lecturer

2. Education:

- PhD Candidate - Structural Engineering 2017-Present
Institution: Beirut Arab University
- M.E., Structural and Geotechnical Engineering 2016
Institution: Beirut Arab University
Thesis: “The Effect of Concrete Creep Behavior on the Shortening of Vertical Structural Elements in High Rise Buildings”
- B.E., Civil and Environmental Engineering 2015
Institution: Beirut Arab University

3. Work experience

- Lecturer at Beirut Arab University
- Spectrum Engineering Consultants
- Dar Al-Handasah (Shair & Partners) – Transportation Department
- Dar Al-Handasah (Shair & Partners) – Structural Department

4. Certification or professional registration

Civil Engineer - Member of the Order of Engineers & Architects of Beirut

5. Service activities

- Member of the Beirut Arab University Alumni Society
- Member of the Job Fair Committee (2015-2019)
- Representative of engineering students in the University Council for the academic year 2012-2013
- Representative of engineering students in the Faculty Council for the academic year 2012-2013
- Representative of engineering students in the Institutional Accreditation Committee 2013-2014

6. Research Interests

- Impact resistance of structural elements
- Dynamic analysis



- Structural behavior of high-rise buildings
- Behavior and properties of high strength concrete
- Numerical Modeling

7. Principal publications and conference proceedings:

“Effect of Concrete Creep on the Shortening of Vertical Elements in High-Rise Buildings.” EURO-MED-SEC-2

Effect of Successive Impact Loads from a Drop Weight on a Reinforced Concrete Flat Slab Ali Jahami, Yehya Temsah, Ossama Baalbaki, Mohamad Darwiche, Youmn Al-Rawi, Mohamad Al-Ilani, Sandy Chaaban

Impact behavior of rehabilitated post-tensioned slabs previously damaged by impact loading Ali Jahami, Yehya Temsah, Oussama Baalbaki, Sandy Chaaban, Jamal khatib Magazine of Civil Engineering, DOI: 10.18720/MCE.93.11, ISSN: 2071–0305, Volume: 93, Issue: 1, Pages Range: 1-12

8. Professional development activities

HECD Design Thinking Training October 2022 at Antonine University