

CURRICULUM VITAE

PERSONAL

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EDUCATIONAL BACKGROUND

- 1990-1995 - B.Sc. in civil engineering. Civil Engineering, Faculty of Engineering, University of Jordan, June, 1995.
- 1995-1998 - M.Sc. in Structural Engineering, Faculty of Engineering, University of Jordan, August, 1998.
- 1999-2003 - The in Influence of Semi-Rigid Connections on the Behaviour of Beam and Column Structural Systems. " Centre of Civil Engineering - School of Architecture ", Oxford Brookes University, February, 2003.

WORK EXPERIENCE

- 1995-1996 - Jordan Society for prevention of Road Accidents.
- 1996-1998 - Greater Amman Municipality.
- 1998-2003 - Lecturer at School of Architecture
(Centre for Civil Engineering) - Oxford Brookes
University – UK.
- 2004-2010 - Assistant professor
Civil Engineering Department – The University of
Jordan.
- 2010-Present - Associate professor
Civil Engineering Department – The University of
Jordan.

CONFERENCES AND SEMINARS PARTICIPTION

1. *The Ninth International Conference on Computational Structures Technology, Athens, Greece 2-5 September 2008.*
2. *The Fifth International Conference of Thin-Walled Structures. Brisbane-Australia 2008.*
3. *Enhancement of Quality Assurance and Institutional Planning at Arab Universities, United Nation development Programme (UNDP), 3rd Work Shop, Egypt 14th – 16th November 2007.*
4. *Enhancement of Quality Assurance and Institutional Planning at Arab Universities, United Nation development Programme (UNDP), 2nd Work Shop, Egypt 11th – 12th November 2007.*
5. *The Third International Conference on Structural Engineering, Mechanics and Computation (SEMC 2007), Cape-Town; South Africa 10th -12th September 2007.*
6. *The 6th International Conference on Steel and Structural Engineering (ICSAS'07), Oxford, UK, 24th – 27th July 2007.*

7. *Enhancement of Quality Assurance and Institutional Planning at Arab Universities, United Nation development Programme (UNDP), First Work Shop, Tunisia 10th – 15th June 2007.*
8. *The Second International Conference on Structural Engineering, Mechanics and Computation, Cape-Town; South Africa 5th -7th July 2004.*
9. *The Ninth International Conference on Civil and Structural Engineering Computing, Egmond-aan-Zee; The Netherlands 2nd - 4th September 2003.*
10. *Young researchers' conference; The Institution of Structural Engineers, London, UK, 22nd March 2000.*
11. *Young researchers' conference; The Institution of Structural Engineers, London, UK, 23rd March 1999.*

Awardees and Prizes:

Awarded third place prize for the Young Researcher's Conference. Organised by the British Institution of Structural Engineering (England; March- 2000).

Publications

- M. Abdel-Jaber, S Al-Sadder and A. Shatnawi, ***Equilibrium Configurations of Heavy Elastic Beams under Unilateral Contact Constraint.*** *The Ninth International Conference on Computational Structures Technology, Athens, Greece 2-5 September 2008.*
- M. S. Abdel-Jaber, R.G Beale and M.H.R Godley, ***Rotational Strength and Stiffness of Tube and Fitting Scaffold Connectors.*** Accepted for publication, *Journal of Constructional Steel Research, 2008.*
- Mu'tasim Abdel-Jaber, Robert.G Beale, Ma'en Abdel-Jaber and Anis Shatanawi, ***Two-Dimensional and Three-Dimensional Comparison of Second Order Analysis of Pallet Rack Structures with Non-Linear Moment-Curvature for Semi-Rigid Connections.*** *Fifth International Conference of Thin-Walled Structures. Brisbane-Australia 2008.*
- M. S. Abdel-Jaber, A. A. AL-Qaisia, M. Abdel-Jaber and R.G Beale, ***Nonlinear natural Frequencies of an Elastically Restrained Tapered Beam.*** Accepted for publication, November 2007. *Journal of Sounds and Vibration.*
- M. S. Abdel-Jaber, R.G Beale and M.H.R Godley, ***Characteristic Rotational Strength of Putlog Connectors.*** *The Third International Conference on Structural Engineering, Mechanics and Computation*

(SEMC 2007), Cape-Town; South Africa 10th -12th September 2007. Cape Twon, Editor Zingoni.

- S. Al-Sadder, A. Shatnawi and M. Abdel-Jaber, ***Buckling of Stepped Non-Uniform Long Cylindrical Steel Sell Subjected to External Pressure.*** 6th International Conference on Steel and Structural Engineering (ICSAS'07), Oxford, UK, July 24th – 27th 2007.
- S. Al-Sadder, A. Shatnawi and M. Abdel-Jaber, ***Dynamic Behaviour of Slender Steel Beams Under Large Deflection by the Method of Characteristics.*** 6th International Conference on Steel and Structural Engineering (ICSAS'07), Oxford, UK, July 24th – 27th 2007.
- A. Al-Qaisia, A. Shatnawi and M. Abdel-Jaber, ***Non-linear Natural Frequencies of a Tapered Cantilever Beam.*** 6th International Conference on Steel and Structural Engineering (ICSAS'07), Oxford, UK, July 24th – 27th 2007.
- N. Armouti, A. Shatnawi and M. Abdel-Jaber, ***Effect of Axial Stiffness of Stability Frame.*** 6th International Conference on Steel and Structural Engineering (ICSAS'07), Oxford, UK, July 24th – 27th 2007.
- M. Abdel-Jaber, R.G Beale and M.H.R Godley, ***A theoretical and experimental investigation of pallet rack structures under sway.*** *Journal of Constructional Steel Research*, vol 62-2006, pp. 68-80.
- M. Abdel-Jaber, R.G Beale and M.H.R Godley ***Numerical study on semi-rigid racking frames under sway.*** *Journal of Computers and Structures*, vol 83 – 2005, pp. 2463-2475.
- Abdel-Jaber M, Beale R G and Godley M H R, ***An investigation into pallet rack structures under sway.*** *The Second International Conference on Structural Engineering, Mechanics and Computation*, Cape-Town; South Africa 5-7 July 2004. Cape Twon, Editor Zingoni, A, pp1337-1341. <http://www.semc2004.uct.ac.za/ProvisionalProgramme.doc>
- Abdel-Jaber M, Beale R G and Godley M H R, ***An investigation into the factors affecting the accuracy of beam-end connector tests in pallet rack structures.*** *The Second International Conference on Structural Engineering, Mechanics and Computation*, Cape-Town; South Africa 5-7 July 2004. Cape Twon, Editor Zingoni, A, pp 1353-1358. <http://www.semc2004.uct.ac.za/ProvisionalProgramme.doc>
- M. Abdel-Jaber, R.G Beale and M.H.R Godley ***Numerical Study on Semi-Rigid Racking Frames.*** In *The Ninth International Conference on Civil and Structural Engineering Computing*, Egmond-aan-Zee; The Netherlands 2-4 Sep 2003 paper 30. <http://www.civil-comp.com/conf/cc03.htm>

- Abdel-Jaber M. S., Internal Report, School of Architecture, Oxford Brookes University, Jan, 2001.
- Abdel-Jaber M. S., *An investigation into the influence of semi-rigid connections on the behaviour of beam column design*, The Institution of Structural Engineers, Young Researchers' Conference, Abstract No.1, March, 2000.