

## Amr Salah Elnashai

Email: aelnash@uiuc.edu; cell: +1217 848 0440;  
Office address: 1114 Newmark, 205 N.Mathews Ave., Urbana 61801, USA



- Current Positions**
- Head, Civil and Environmental Engineering Department  
Bill and Elaine Hall Endowed Professor  
Department of Civil and Environmental Engineering
  - Director and Chair of the Council on Global Engineering Initiatives  
College of Engineering  
University of Illinois at Urbana-Champaign
- Immediate Past Positions**
- Director of ERC Mid-America Earthquake Center
  - Director of NSF NEES@Illinois Simulation Facility  
University of Illinois at Urbana-Champaign

### CAREER SUMMARY

Amr Elnashai, is the Head of the Civil and Environmental Engineering Department, and Bill and Elaine Hall Endowed Professor at the University of Illinois at Urbana-Champaign, USA. He was Director of the NSF multi-institution interdisciplinary Mid-America Earthquake Center (2004-2009). He was also Director of the NSF Network for Earthquake Engineering Simulations (NEES) Laboratory at Illinois (2002-2009). Amr obtained his MSc and PhD from Imperial College, University of London, UK and is a Fellow of the UK Royal Academy of Engineering. Before joining the University of Illinois in June 2001, Amr was Professor of Earthquake Engineering and Head of Section at Imperial College (1985-2001). He has been Visiting Professor at the University of Surrey, UK, since 1997. Other visiting professor appointments include the University of Tokyo, the University of Southern California (1990-1995) and the European School for Advanced Studies in Reduction of Seismic Risk, Italy.

As Head of the Civil and Environmental Engineering Department, Amr is responsible for all academic and administrative affairs of the top-ranked department comprising 49 tenured and tenure-track faculty, 11 non-tenure track faculty, 60 staff, ~1300 students, a research budget of \$20M, and a total budget of \$33M per year (FY11). Amr developed the College of Engineering Strategy for Global Engagement in 2008, and continues to report to the Dean of Engineering as Director and Chair of the Council on Global Engineering Initiatives.

He is founder and co-editor of the Journal of Earthquake Engineering and editorial board member of several other journals, a member of the drafting panel of the European design codes, past chair of the UK earthquake engineering association, UK delegate to and past senior Vice-President of the European Association of Earthquake Engineering. He is the winner of the Imperial College Unwin Prize for the best PhD thesis in Civil and Mechanical Engineering (1984), the Oscar Faber Medal for best paper in the Institution of Structural Engineering, and two best paper medals from the International Association of Tall Buildings, Los Angeles.

Amr's technical interests are multi-resolution distributed analytical simulations, network analysis, large-scale hybrid testing and field investigations of the response of complex networks and structures to earthquakes. He has produced more than 250 research publications, including over 130 refereed journal papers, many conference, keynote and prestige lectures (including the Nathan Newmark Distinguished Lecture), research reports, 2 books and several book chapters, magazine articles and earthquake field investigation reports. He has been ranked top in the CEE Department at Illinois in terms of research funding for five consecutive years (2004-2009), with a total research income of about \$25M over 9 years. Amr has successfully supervised 41 Doctoral and over 100 Master of Science theses. Many of his students hold significant positions in industry, academia and government in over 12 countries.

He has contributed to major projects for a number of international companies and other agencies such as the World Bank, GlaxoWellcome (currently GSK), Shell International, AstraZeneca, Minorco, British Nuclear Fuels, Nuclear Installations Inspectorate, Mott MacDonald, British Airport Authority, Alstom Power, the Greek and Turkish Governments and the National Geographic Society. He has recently completed research projects for the Federal Emergency Management Agency (FEMA), State Emergency Management Agencies, Istanbul Municipality, US AID, Governments of Pakistan and Indonesia, among others. He has given interviews to CNN, Sky News, BBC, BBC World and the US Weather Channel. He has also contributed to a large number of newspaper articles in the UK (e.g. The Times, The Guardian, The Royal Institute of International Affairs) and the USA (e.g. St. Louis Observer and Chicago Herald). Amr enjoys scuba diving and reading on history, the history of painting and film-making.

## HIGHER EDUCATION

Degree	Class/Grade	Institution	Date Awarded	Comment
PhD	N/A	Imperial College (London, UK)	July 1984	Unwin Prize
DIC	N/A	Imperial College (London, UK)	August 1980	
MSc	Distinction	Imperial College (London, UK)	August 1980	Concrete Structures
BSc	Distinction-Honors	Cairo University (Cairo, Egypt)	July 1977	Civil Engineering

## EMPLOYMENT HISTORY (main jobs)

Organization	Role	Date
University of Illinois, USA	Faculty Member	2001 – to date
Imperial College, UK	Faculty Member	1985 – 2001
Wimpey Offshore Engineering, UK	Senior Engineer	1984 – 1985
Imperial College, UK	Research Assistant	1979 – 1984
Cairo University	Assistant Lecturer	1977 – 1978

## MEMBERSHIPS - LEARNED SOCIETIES AND PROFESSIONAL BODIES

Society/Body	Status	Date
The Royal Academy of Engineering, UK	Fellow	2000 –
American Society of Civil Engineers, USA	Fellow	1997 –
European Association of Earthquake Engineering	First Vice President	1998 – 2002
	Executive Comm. Member	1994 – 2001
National Association of Earthquake Engineering, UK	Chairman	1992 – 1994
	Vice-Chairman	1990 – 1992
	Committee Member	1985 – 1995
International Association of Earthquake Eng.	Deputy UK Delegate	1992 – 2001
Structural Stability Research Council, USA	Member-at-Large	1990 –
Institution of Structural Engineers, UK	Fellow	1989 –
British Computer Society, UK	Member	1989 – 1993
Earthquake Engineering Research Inst., USA	Member	1989 –
Engineering Council, UK	Member	1989 –
Institution of Civil Engineers, Egypt	Member	1977 –

## MEMBERSHIPS – COMMITTEES

Committee	Status	Date
Applied Technology Council ATC-61	Review Panel Member	2006 – 2009
Committee for Evaluation of Scientific Research Management Systems, Egypt	Chairman	2006 – 2007
Arab Expatriate Scientists Follow-Up Committee of Qatar Foundation, Qatar	Co-coordinator of Water, Ecol. and Env.	2006 - 2009 2006 – 2009
Applied Technology Council ATC-58	Steering Committee Memb.	2005 – 2009
CEN Eurocode 8 Drafting Panel	Project Team Member	1999 – 2006
Council of Ministers, Min. Civil Defense, Italy	Technical Expert	1999 – 2006
Ministry of Housing and Construction, Egypt	Committee Member	1999 – 2005
Federation Internationale de Beton (FIB)	Member, SD Commission	1999 –
International Standards Organization (ISO)	Corresponding Member	1996 – 2002
Japan-UK Seismic Risk Forum	Founder/Director	1995 – 2004
Comite Euro-Internationale de Beton (CEB)	Member, TG13	1992 – 1998
International Decade for Natural Hazard Reduction (IDNDR)	Working Group Member	1992 – 1996
WG on Seismic Design of Composite Structures, JRC, Ispra, Italy	Member	1992 – 1996
World Federation of Engineering Organizations (WFEO) Project B	Working Group Member	1992 – 1994
British Standards Committee B/525/8	Co-coordinator	1991 – 2001
CEN Sub-committee 8	National Contact	1991 – 2001
European Convention for Constructional Steel	UK Representative	1991 – 2001