

## EMPLOYMENT HISTORY

### ACADEMIC

*STATE UNIVERSITY OF NEW YORK AT BUFFALO*, Buffalo, NY

Professor Emeritus 2013-  
Clifford C. Furnas Eminent Professor, 2002-2013;  
Department Chairman (CSEE) 1996-1999;  
Professor 1990-2002;  
Associate Professor 1986-1990;  
Assistant Professor 1981-1986;  
Visiting Assistant Professor 1979-1981

*TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY*, Haifa, Israel

Visiting Professor, Lady Davis Fellowships (Fall 1999)  
Visiting Professor, Theresa Palay Manson (Spring 1991);  
Lecturer - Equivalent of Assistant Professor, 1978-1979;  
Instructor, 1975-1978;  
Teaching Assistant 1973-1975

*UNIVERSITY OF PAVIA*, Pavia, Italy

Visiting Professor (Fall 1999)

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### PROFESSIONAL

*OFFICE OF J. FRUCHTBAUM*, Buffalo, NY 1980-1986; Consulting - Structural Engineer (Part-Time);  
*PRIVATE PRACTICE*, Reinhorn Consulting, Haifa, Israel -Structural Engineer 1973-1979;  
*MILSTEIN-ZINGER CONSULTING ENGINEERS*, Tel - Aviv, Israel-Structural Engineer- 1972-1973;  
*CORPS OF ENGINEERS - ISRAEL DEFENSE FORCES*, Haifa, Israel 1968-1972 Design Engineer and Project Manager (Acting Captain)

### PRIVATE CONSULTING - REINHORN CONSULTING ENGINEERS

ATC –APPLIED TECHNOLOGY COUNCIL Redwood City CA, 2005-2009;  
JOHN A. MARTIN & Associates, Los Angeles, CA 1993-2010;  
BASE ISOLATION CONSULTANTS, San Francisco, CA 1993;  
ANDCO ENVIRONMENTAL PROCESSES, Inc., Amherst, NY 1993;  
LE MESSURIER & Associates, Boston, MA 1992-1993;  
FLEMING Corp., San Francisco/ Los Angeles, CA 1990-1994;  
WALTER P. MOORE & Associates, Houston, TX; 1991-1992;  
DAMES & MOORE, Los Angeles, CA 1989-1990;  
T. SULLIVAN/WEST VALLEY NUCLEAR DUMP, Buffalo, NY 1987-1993;  
WESTINGHOUSE ELECTRIC CO., Bloomington, IN 1986-1987;  
WALT DISNEY WORLD CO., Lake Buena Vista, FL 1985-1986;  
WATSON, BOWMAN AND ACME, INC., Buffalo, NY; 1984-1985;  
WESTWOOD PHARMACEUTICALS, INC., Buffalo, NY 1983-1986;  
WSF INDUSTRIES, INC., Buffalo, NY 1981-1992;  
NIAGARA MACHINE AND TOOLS WORKS, Ltd., Buffalo, NY 1972-1979;  
MESCO FORMWORKS AND CONSTRUCTION TOOLS, Haifa, Israel 1981-1992;  
INTERNATIONAL FERROCEMENT INFORMATION CENTER, AIT, Bangkok, Thailand 1981-1982;  
PENNSYLVANIA PLASTICS PRODUCTS, Eldred, PA 1981-1982

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## PROFESSIONAL ACTIVITIES

### SPECIAL ASSIGNMENTS

Member of Presidential Review Board (PRB) at University at Buffalo (2005-2007)  
Chairman, Decanal Review Committee - School of Informatics, University at Buffalo (2005-2006)  
Chairman, International Advisory Board Ben-Gurion University, Program in Structural Engineering (2005-2007)  
Member Board of Directors, George E. Brown Jr. Network for Earthquake Engineering Simulation Inc (NEESinc) (2003-2005, Reelected 2005-2008)  
Chairman, Data Sharing and Archiving Committee, NEESinc.(2003-2005)  
Member of Executive Committee of Multidisciplinary Center for Earthquake Engineering Research (1996-2007)

Director, Structural Engineering and Earthquake Simulation Laboratory, University at Buffalo/CSEE (2000-2007)  
 Senior Associate Editor, Earthquake Spectra, Journal of EERI (2001-2006)  
 Chairman, Technical Program Committee, 7<sup>th</sup> US National Conference in Earthquake Engineering, (1999-2002).  
 Member of Organizing Committee, 7<sup>th</sup> US Conference on Earthquake Engineering (1999-2002)  
 Corresponding Member of Technical Subcommittee 2 (by invitation) for development of the 2000 NEHRP Provisions for Seismic Regulations for New Buildings Structures, Building Seismic Safety Council, Washington, DC., since 1993.  
 Member of NCHRP 12-49 Project Team - Comprehensive Specifications for the Seismic Design of Bridges - Revised LRFD Specifications (Seismic provisions) - 1998-1999  
 Member of AD-HOC Committee of the Israeli Council of Higher Education for examination of new programs on Civil Engineering in Israeli Universities, 1998-present  
 Steering Committee 12ECEE (2001-2002)

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### **MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS**

*NETWORK FOR EARTHQUAKE ENGINEERING SIMULATIONS (NEESinc)*- Member (2002), Board of Directors (2003-2008), Chair, Data Sharing and Archiving Committee,  
*MULTIDISCIPLINARY CENTER FOR EARTHQUAKE ENGINEERING RESEARCH (MCEER)* (1997-pres.); - Member Executive Committee and Investigator  
*AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE)* - Fellow #196569 (1981-pres.); Fellow since December 1, 1994; President Buffalo Section (1993-1994), [President Elect, Vice President, Secretary, Treasurer, Director (Buffalo Section)](1988-1996); Chairman, Committee on Active Control/Engineering Computations (1991-1994); Member of National Committee of Dynamics/Engineering Mechanics Division (1989-1993); Chairman, Structures / Computer Committee, (Buffalo Section 1986-1990); Faculty Adviser, (Buffalo Section 1981-1984)  
*STRUCTURAL ENGINEERING INSTITUTE (SEI) of ASCE*, Fellow #196569 (2000-pres.); (subset of ASCE)  
*ENGINEERING MECHANICS INSTITUTE (EMI) of ASCE*, Fellow #196569 (2005-pres.); (subset of ASCE)  
*EARTHQUAKE ENGINEERING RESEARCH INSTITUTE (EERI)* Member #470 (1986-pres.); Member EERI Committee on Experimental Research, Member of Editorial Board of Earthquake Spectra, Associate Editor (2004-2008)  
*AMERICAN CONCRETE INSTITUTE (ACI)* - Member #3/615694 (1982-2002); Member of Committees: ACI-449 Seismic Loadings, ACI-118 Use of Computers  
*ASSOCIATION OF ENGINEERS AND ARCHITECTS IN ISRAEL* (1969-1979)  
*INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS*- Member #0446805

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### **EDITORIAL POSITIONS**

“Journal of Structural Control and Health Monitoring” – Member Editorial Board (2008-pres)  
 “The Structural Design of Tall and Special Buildings”, Member International Editorial Board (1998-present)  
 “Earthquake Spectra”, Deputy Chief Editor – Senior Associate Editor (2003-2008)  
 “ASCE/ Journal of Structural Engineering”, Assoc. Editor (2001-2004)  
 “Advances in Earthquake Engineering,” Assoc. Editor (Beskos & Kausssel, eds.)

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### **REVIEWER**

NATIONAL SCIENCE FOUNDATION/ Earthquake Hazard Mitigation Program;  
 NATIONAL SCIENCE FOUNDATION/ Engineering Initiation Awards;  
 AMERICAN CONCRETE INSTITUTE/Structural Journal;  
 AMERICAN CONCRETE INSTITUTE/Concrete International Journal;  
 AMERICAN SOCIETY OF CIVIL ENGINEERS/Journal of Structural Engineering;  
 AMERICAN SOCIETY OF CIVIL ENGINEERS/Journal of Engineering Mechanics;  
 ASME/Journal of Dynamic Systems, Measurements and Control;  
 ASME/Journal of Vibration, Acoustics, Stress and Reliability in Design;  
 JOURNAL OF ENGINEERING ANALYSIS;  
 JOURNAL OF OPTIMAL CONTROL - Applications and Methods;  
 JOURNAL OF STRUCTURAL CONTROL AND HEALTH MONITORING;

EARTHQUAKE ENGINEERING and STRUCTURAL DYNAMICS, International Journal;  
 EARTHQUAKE ENGINEERING RESEARCH INSTITUTE - Earthquake Spectra  
 THE STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS;

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### **WORKSHOPS / SESSIONS CHAIRMAN**

CHAIRMAN, Session on Numerical Methods in Experimental Mechanics, SES, 3rd Annual Meeting, Buffalo, August 1986.;CHAIRMAN/ORGANIZER, Forum on Structural Applications of Protective Systems for Earthquake Hazard Mitigation, NCEER/SUNY, Buffalo, May 1987.; CHAIRMAN, Session on Seismic Behavior of Structural Systems, ASCE/EMD Specialty Conference, Buffalo, May 1987.; VICE-CHAIRMAN, Session on Hardware Innovations, Workshop on Seismic Computer Analysis and Design of Buildings with Interactive Graphics, NCEER/Cornell University, August, 1987; VICE-CHAIRMAN, Sessions on Structural Control and Isolations, ASME/Design Technology Conferences, 11th Biennial Conference on Mechanical Vibrations and Noise, Boston, Sept. 1987; VICE-CHAIRMAN & PANELIST, 3rd Symposium of Seismic Shock and Vibration Isolation, ASME/PVP Conference, Honolulu, Hawaii, July 1989; CHAIRMAN, Session of Workshop: New Trends and Applications of Distributed Parameter Control Systems, Minneapolis, Minnesota, August 7-12, 1989.;CHAIRMAN/Session Organizer, "Active Control of Structural Vibrations - Toward Applications", 8th ASCE/Structures Congress, Baltimore, ME, April 1990; CHAIRMAN/Session on "Seismic Design of Structural Systems", 4th U.S. National Conference on Earthquake Engineering, Palm Springs, CA, May 20-23, 1990; CHAIRMAN/Session Organizer, "Active and Passive Control of Structural Vibrations", 9th ASCE/EMD Specialty Conference, Columbus, OH, May 1991; CHAIRMAN/Session Organizer, "Efficiency of Active Passive and Hybrid Control Systems for Seismic Protection, 9th ASCE/Structures Congress, Indianapolis, IN, May 1991; CHAIRMAN/Session Organizer, "Damage Risk in Design of Seismic Structures", 9th ASCE/Structures Congress, Indianapolis, IN, May 1991; CHAIRMAN/Session Organizer, "Active Control of Space Structures", IASS-CSCE/Congress of Space Structures, Toronto, Canada, July 1992; CO-CHAIRMAN/Organizer, Session on Structural Control, ASCE/Structures Congress 94, Atlanta, May 1994; CHAIRMAN, "Workshop on Damage Quantification and Performance Evaluation," NCEER, San Francisco, Feb. 7-8, 1995; CHAIRMAN/Session Organizer, "Seismic Retrofit of Structures," ASCE/Structures Congress 95, Boston, May 1995. CHAIRMAN/Session Organizer, "Probabilistic Methods in Structural Control," EMD/ASCE/Structures Congress 96, Worcester, June, 1996; SESSION CHAIR, 4<sup>th</sup> World Congress on Joint Sealing and Bearing Systems for Concrete Structures; MEMBER/International Scientific Advisory Committee of First International Symposium on Earthquake Resistant Engineering Structures 96, Oct. 30 - Nov. 1, 1996, Tessaoniki, Greece; SESSION CHAIRMAN/Workshop on Earthquake Engineering - Evaluation, Design, and Practice," Kefar HaMakabiah, Israel, March 97., INTERNATIONAL ADVISORY COMMITTEE, STESSA 2000-Behavior of Steel Structures in Seismic Areas, Aug. 22-24, 2000 Montreal CA; SESSION CHAIRMAN/12 World Conference in Earthquake Engineering, Auckland, New Zealand, SESSION (x2) CHAIRMAN at "Network For Earthquake Engineering Simulation (NEES) Grid Integration, Los Angeles, Nov. 2000, SESSION CHAIRMAN "2002 Structures Congress, INTERNATIONAL ADVISORY COMMITTEE, 2000.; ERES 2001- Earthquake Resistant Engineering Structures, September 4-6, 2001, Malaga, Spain., INTERNATIONAL ADVISORY COMMITTEE, 12<sup>th</sup> European Conference in Earthquake Engineering, London UK, September 2002, CHAIRMAN, TECHNICAL PROGRAM COMMITTEE, 7<sup>th</sup> US National Conference in Earthquake Engineering, Boaton, MA (1999-2002), Member of Organizing Committee, 7<sup>th</sup> US Conference on Earthquake Engineering (1999-2002), "Member International Scientific Committee". - 12ECE, 2002, SESSION CHAIRMAN - MODERATOR - ASCE Structures Congress, Seattle May 2003, "Member International Advisory Committee" of STESSA 2003, SESSION CHAIRMAN 13 World Conference in Earthquake Engineering, Vancouver, Canada, 2004, SESSION CHAIRMAN - MODERATOR - 1<sup>st</sup> AESE, Nagoya Japan, Aug 2005, SESSION CHAIRMAN - MODERATOR - 8<sup>th</sup> US Nat'l Conf. in Earthq. Eng., San Francisco, May 2006, INTERNATIONAL ADVISORY BOARD, COMPDYN, Crete, Greece, 2007, 2009; etc.;

< not updated after 2007>.

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