ADVISEMENT AND SUPERVISORY ACTIVITIES

POST-DOCTORAL FELLOWS AND VISITING SCHOLARS

1.	Park, Y.J.	(1985-1987)	Ph.D., University of Illinois
2.	Panahshahi, N.	(1987-1990)	Ph.D., Cornell University
3.	Kunnath, S.K.	(1989-1991)	Ph.D., SUNY/Buffalo
4.	Lopez-Almansa, F.	(1989)	Prof., Univ. of Barcelona (Spain)
5.	Nagarajaiah, S.	(1990-1992)	Ph.D., SUNY/Buffalo
6.	Lin, R.C.	(1992-1993)	Ph.D., SUNY/Buffalo
7.	Faella, G.	(1993-1994)	Assoc. Prof., Univ. of Naples (Italy)
8.	Spyrakos, C.	(1994)	Assoc. Prof., University of West Virginia
9.	Li, R.	(1994)	Research Engineer, U/C Irvine
10.	Gluck, N.	(1994)	Ph.D., Technion, IIT (Israel)
11.	Valles-Mattox, R.	(1995)	Ph.D.. SUNY/Buffalo
12.	Sanders, D.	(1996)	Assoc. Prof., Univ. of Nevada at Reno
13.	Madan, A.	(1996)	Ph.D. SUNY/Buffalo
14.	Riley, M.	(1996-1997)	Ph.D. SUNY/Buffalo
15.	Mylonakis, G.	(1997-1998)	Ph.D., SUNY/Buffalo
16.	Colombo, Antonella	(1999)	Researcher, JRC/Ispra (Italy)
17.	Viti, Stefania	(2001-2002)	Asst Prof. Univ. of Florence, (Italy)
18.	Sivaselvan M.	(2002-2004)	Ph.D., SUNY/Buffalo
19.	Ribakov,Yuri	(2003)	Asst Prof, Univ of Judea & Samaria (Israel)
20.	Yuksel, Ercan	(2004-2005)	Asst Prof, Univ of Istanbul (Turkey)
21.	Lavan, Oren	(2005-2007)	Ph.D. Technion, IIT (Israel)
22.	Fumo, Cristina	(2007)	PhD Candidate, Univ of Udine (Italy)
23.	Sayed, Ali	(2008)	Assistant Professor, NWFP Univ, (Pakistan)
24.	Nasser, Amjad	(2008)	Assistant Professor, NWFP Univ, (Pakistan)
25.	Madaloni, Giuseppe	(2008)	Assistant Professor, Univ Naples (Italy)
26.	Roh, Hwasung	(2007-2010)	PhD SUNY/Buffalo
27.	Benassi, Andrea	(2009-2010)	PhD Candidate, Univ of Bologna (Italy)
28.	Ryu, Ki Pung	(2015-2016)	PhD SUNY/Buffalo

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Ph.D. STUDENTS / DISSERTATIONS

PRINCIPAL ADVISER

1. Wen, C.Y., "Vibration Protection of Inelastic Structures by Means of Active Control", Ph.D., Aug 1987
2. Kunnath, Sashi Kumar, "Modeling of Inelastic Response and Seismic Damage of 3D R/C Buildings", Ph.D., Dec 1988.
3. Nagarajaiah, Satish, "Nonlinear Dynamic Analysis of 3D Base Isolated Structures" Ph.D. June 1990.
4. Wang, Yen.P., "Experimental Study of MDOF Structures with Active Control" Ph.D. January 1991.
5. Bracci, Joseph, Ph.D., "Evaluation of Gravity Load Designed Reinforced Concrete Structures" Aug 1992
6. Lobo, Roy, "Inelastic Dynamic Analysis of R/C Structures in Three Dimensions" PhD, May 1994.
7. Subramanian, Ravi, "Application of Fuzzy Sets Theory to Active Control of Systems" Ph.D. Sept 1994
8. Valles-Mattox, Rodolfo, Ph.D., "Evaluation, Prevention and Mitigation of Pounding Effects in Buildings" Jun 1995
9. Li, Chen, Ph.D., "Analytical and Experimental Study of R/C Structures Retrofitted with Damping Devices" Aug. 1995.
10. Riley, Michael, Ph.D., "Experimental Implementation and Design of Hybrid Systems with Actuator - Structure Interaction" Mar 1996
11. Alok Madan, Ph.D., "In-plane Behavior of Masonry Shear Walls with Unbonded Reinforcement" Mar. 1996
12. Reichman, Yossi, Ph.D., "3D Inelastic Analysis of Bridge Systems," April 1996.
13. Simeonov Vassil, PhD, "Seismic Damage in Bridges due Spatial Variation of Ground Motion", Sept 1999
14. Barron-Corvera, Raul, PhD, "Simplified Method for Evaluation of Seismic Fragility", Jan 2000
15. Sivaselvan, Mettupalayam., PhD, "Nonlinear Structural Analysis towards Collapse Simulation – A Dynamical Systems Approach", Dec 2002

16. Kusumastuti, Dyah, PhD, "A Versatile Experimentation Model for Study of Structures near Collapse: Applications to Seismic Evaluation of Irregular Structures", Jan 2005
17. Shao, Xiaoyun PhD, "Unified Control Platform for Real Time Dynamic Hybrid Simulation", Jan 2007
18. Roh, Hwasung, PhD "Control of Seismic Motion through Weakening and Damping", Aug 2007
19. Schachter, Macarena, PhD "Structure Three Dimensional Modeling of Inelastic Buckling in Frame Structures", Aug 2007
20. Cimellaro, Gian-Paolo, PhD, "Improving Seismic Resilience of Structural Systems through Integrated Design of Smart Structures", Dec 2007
21. Kong, Dohwan, PhD "Evaluation and Protection of High Voltage Electrical Equipment Against Severe Shock and Vibrations", Sept 2010
22. Mohammad, Fahad, PhD, "Seismic Evaluation and Qualification of Transformer Bushings", Jan 2013
23. Ray, Tathagata, PhD, "Modeling of Multi-Dimensional Inelastic and Nonlinear Elastic Structural Systems", June 2013
24. Ryu, KiPung, PhD, " Real Time Control of Shake Tables for Nonlinear Hysteretic Systems", Sept 2015

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SECONDARY ADVISER (active supervision)[1]

1. Prucz, Zolan "On Reliability of Active Control of Tension Leg Platforms" Ph.D., June, 1983 (w/ T.T.Soong).
2. Lin, Ru Ci, "Experimental Investigation of Active Structural Control", Ph.D., July, 1987 (w/ T.T.Soong).
3. Chung, Lap Loi, "Analyses and Experiments for Practical Applications of Active Structural Control", Ph.D., July, 1987 (w/ T.T.Soong).
4. Lin, C.C., "On Methods of Damage Assessment", Ph.D., January, 1989 (w/ T.T.Soong).
5. Mokha, A., Ph.D. June 1990 (w/ M.C.Constantinou).
6. Khartoum, Allaoua, Ph.D., December 1991 (w/ M.C.Constantinou).
7. Makris, Nicos, Ph.D., August 1992 (w/ M.C. Constantinou).
8. Small, Edgar Ph.D. expected August 1996 (w/ M. Gaus)
9. Hong, Cao, Ph.D., May 1997 (w/T.T. Soong)
10. Kasalanti, Amarnath., Ph.D., May 1998 (w/ M.C. Constantinou)
11. Chu, S.C PhD, Sept 2001 (w/T.T. Soong)
12. Ahmadizadeh, Mehdi Sept. 2007 (w/G. Mosqueda)
13. Retamale, Rodrigo, Jan. 2008 (w/G. Mosqueda)
14. Pasala, Dharma-Theja, Aug 2012 (w/S Nagarajaiah-Rice U.)
15. Sarlis, Apostolos, Sep 2013 (w/MC Constantinou)
25. Oliveto, Nicholas, Sept 2014, "Development of Mixed Lagrangian Formulation Framework" (w/M Sivaselvan)
26. Koliou, Maria, Sept 2014, (w/A Filiatrault)
27. Oikonomou, Kostis, Sept 2015 (w/MC Constantinou)

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M.S. STUDENTS

PRINCIPAL ADVISER

1. Wang, Chen Cheng, "Experimental Analysis of Behavior of Infilled Planar Frames," M.S., Feb. 1981
2. Hajj, Nabil, "Shear Behavior of Ferrocement Plates Loaded in Plane by Cyclic Loading - Experimental Study", M.S., May 1981
3. Sentz, Gerald, "Bending Behavior of a Hyperbolic Parabola Shell: An Experimental and Theoretical Investigation", M.S. Thesis. May 1982.
4. Jeffrey, Frank, "Literature Survey of Experimental Methods Performed to Investigate Soil Structure Interaction Caused by Dynamic Excitations", M.S., Jan. 1983.
5. McGreevy, Robert, "Frequency Analysis of Structural Response of a Composite Ribbed Ferrocement Plate", M.S., May 1983.
6. Salamanca, Alberto, "Distribution of Internal Forces in Stiffening Systems of Tall Structures by Iteration", M.S., May 1983.
7. Jia, Zi He. "Retrofit and Strengthening of Buildings for Seismic Resistance, M.S., Jan. 1984.

[1] Students who made their dissertation with complete supervision in major parts of their work.

8. Kunte, Suhas, "Design of Prestressed Box Girder for the Bridge Carrying Vehicular Traffic", M.S., August 1986.
9. Saldana, Wagner, "Pseudo-Dynamic Analysis of Cylindrical Fluid Storage Tanks", M.S. August 1987.
10. Yeh, Len Jo., "Identification of Nonlinear Cyclic Behavior of R/C Frames Using Three Parameters Model", M.S., August 1987.
11. Singer, James, "Base Isolation of a Large Chlorine Tank", M.S., August 1987.
12. Hussein, Syed, "Analysis and Design of Steel Box Girder Bridge with Prestressing", M.S. Dec. 1987.
13. Wang, Chin-Tzu, "Shaking Table Studies of Liquid Storage Tanks", M.S. June 1988.
14. Seidel, Michael "Damage Analysis of R/C Structures in Eastern U.S." M.S. June 1988.
15. Wang, Yen-Po, "Active and Passive Control of Sliding Structures", M.S., Dec. 1988.
16. DiCorso, Paul, "Static and Dynamic Response of Structural Steel Building Frames with Semi-Rigid Connections", M.S., Dec. 1988.
17. Oh, Soon Taek, "Identification of Hysteretic Properties of R/C Shear Walls Subjected to In-plane Loading", M.S. June 1989.
18. Bracci, Joseph, "A Normalized Seismic Damage Index for Building Structures", M.S. June 1989.
19. Fang, Lee, "Experimental Study of Structures with Flexible Floor Diaphragms", M.S. Dec. 1989.
20. Lao, Larry F., "Seismic Response of a Scaled 3 Stories R/C Model", M.S. Dec. 1989.
21. Xiong, Jay J., "Diagnostic Techniques for Vibrating Structures", M.S., Dec. 1989.
22. Gu, Xian, "Experimental Study of Displacement Control Devices for Base Isolations", M.S. May 1990.
23. Riley, Michael, "Experimental Verification of Innovative Devices for Active Control of Equipment and Structures", M.S. January 1992.
24. Hoffmann, Garret "Influence of Design Detailing on Seismic Damage of R/C Buildings", MS January 1992.
25. Vladescu, Adriana, “Push-over Analyses of Inelastic Structures”, MS August. 1995.
26. Lysiak, Matthew, “Retrofit Of Structures with Supplemental Damping - Design Aspects - MS January 1996.
27. Ozer, Cem, “Progressive Collapse Analysis in Strong Ground Motion” - MS May 1997.
28. DeRue, Grant, “Simplified Nonlinear Analysis of Bridge Structures”, MS Sept, 1998
29. Skliros, Costas, “Influence of Deteriorating Parameters on Steel Structures,” MS Jan 1999.
30. Sivaselvan, M, "Hysteretic Models for Cyclic Behavior of Deteriorating Inelastic Structures", MS May, 1999
31. Agrawal, Dinesh, "Web Centric System for Analysis of Structures", MS Dec. 1999
32. Winkelmann, Katherine, “Inelastic Analysis of Structures in Three Dimensions – IDARC3D – an Object Oriented Approach”, MS May 2001
33. Cimellaro, Gian-Paolo, “Multi Dimensional Fragility of Structures”, MS Jan 2005
34. Oikonomou, Kostis, “Modeling and Evaluation of High Voltage Transformers”, MS Jan 2010
35. Ryu, KiPung, “Experimental Facility for Testing of Suspended Ceilings”, MS Jan 2010

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SECONDARY ADVISER (active supervision)[2]

1. Lio, Arthur I. "Seismic Resistant Design and Investigation of Infilled Shear Walls with Openings", M.S. 1980 (w/ S.P.Prawel).
2. Agai, Eitan, "An Integrated Software System for Analysis, Design and Drafting for Reinforced Concrete Buildings", M.S. August 1982 (w/G.C.Lee).
3. Chung, Lap Loi, "Optimum Closed-Loop Control of Structures Seismic Excitations", M.S., June 1985 (w/T.T.Soong).

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ADDITIONAL M.S. AND Ph.D. COMMITTEES

F. K. Arwadi	M. S. Project	1981
M. S. Ghashghaiem	M. S. Project	1981
N. Al-Masri	M. S. Project	1981
J. Almozafar	M. S. Project	1982
J. Pitarresi	M. S. Thesis	1983
J. U. Kim	Ph.D. Qualifying	1983
T. Omorodion	Ph.D. Dissertation	1983

[2] Students who made their dissertation with complete supervision in major parts of their work.

A. Gouetibi	M.S. Thesis	1983
K. C. Chang	Ph.D. Qualifying & Dissertation	1984
J. S. Hwang	Ph.D. Qualifying & Dissertation	1984,1987
C. S. Tsai	Ph.D. Qualifying & Dissertation	1984, 1987
H. Liu	Ph.D. Qualifying	1984
Z.H. Jia	Ph.D. Qualifying & Dissertation	1984, 1988
K. Emad	Ph.D. Qualifying	1984
M. L. Liebler	M.S. Thesis	1984
M. Ahmadian	Ph.D. Dissert. (Outside Reader/ME)	1984
B. Bowers	M.S. Project	1985
M. Gao	Ph.D. Qualifying	1985
K. Sigiura	Ph.D. Qualifying	1985
C. Cheng	Ph.D. Qualifying	1987
M. Yae	Ph.D. Dissert. (Outside Reader/ME)	1987
G. Yao	Ph.D. Qualifying	1988
G. Juhn	Ph.D. Qualifying	1988
G. Chen	Ph.D. Qualifying & Dissertation	1989
N. Makris	Ph.D. Qualifying & Dissertation	1990, 1992
J. Sah (Mech. Eng)	Ph.D. Dissert. (Outside Reader)	1990
D. Farhey (Technion - Israel)	Ph.D. Dissert. (Outside Reader	1991
A. Mooty (Univ. of Waterloo)	Ph.D. Dissert. (Outside Reader & Examiner)	1992
P. Tsopelas	Ph.D. Dissertation & Dissertation	1992,1994
M. Symans	Ph.D. Qualifying & Dissertation	1993
V. Gattuli	M.S. Thesis	1994
R. Helgeson	Ph.D. Qualifying	1994
J. Quareshi	Ph.D. Qualifying	1996
M. Gluck (Technion)	Ph.D. Qualifying/Advisor	1993-1996
R. Rana	Ph.D. Qualifying & Dissertation	1998 (exp.)
H. Cao	Ph.D. Qualifying & Dissertation	1997
J Shen	Ph.D. Qualifying &	1998
Y. Kitane	Ph.D. Qualifying &	1998

Stopped Listing Committee Memberships from 1999

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