

Biographical Data – 8/2020

M. "Saiid" Saiidi, PhD, PE (CA & NV)

Position:

Professor Emeritus, Department of Civil & Environmental Engineering, University of Nevada, Reno (UNR)

Director, Center for Advanced Technology in Bridges and Infrastructure (CATBI), UNR,

Distinguished Research Faculty, Department of Civil & Environmental Engineering, Natural Hazards Risk and Resiliency Research Center (NHR3), University of California, Los Angeles (UCLA)

Personal Data:

Married, two children

Office Address: Department of Civil & Environmental Engineering (258)
University of Nevada, Reno
Reno, Nevada 89557
Tel: (775) 784-4839 Fax: (775) 784-1390
E-Mail: saiidi@unr.edu; saiidi@ucla.com
<http://saiidsaiidi.com>

Research Interests

Earthquake engineering of bridges and buildings, large-scale concrete bridge component and system testing, field testing of highway bridges, analysis and design of reinforced concrete structures, application of advanced materials in earthquake engineering

Educational Record

Ph.D. in Civil Engineering (Structures), University of Illinois, Urbana, Illinois, 1979

M.S. in Civil Engineering (Structures), University of Illinois, Urbana, Illinois, 1977

M.S. in Civil Engineering (Five-year program), Tehran University, Tehran, Iran, 1973

Professional Experience

Professor Emeritus, Department of Civil and Environmental Engineering, University of Nevada Reno, 7/20-Present (UNR-Foundation Professor awarded 8/97)

Distinguished Research Faculty, Department of Civil & Environmental Engineering, University of California, Los Angeles (UCLA), 7/19-Present

Professor, Department of Civil and Environmental Engineering, University of Nevada Reno, 7/88-6/20 (UNR-Foundation Professor awarded 8/97)

Director, Center for Advanced Technology in Bridges and Infrastructure (CATBI), 6/10-Present

Co-Director, University Transportation Center on Accelerated Bridge Construction, Florida International University, Miami, 1/14-5/18
 Visiting Fulbright Scholar, University of Buenos Aires, Argentina, December 2013.
 Director, Office of Undergraduate Research, Office of Vice President for Research, University of Nevada, Reno, 8/03-6/09
 Visiting Scholar, Civil Engineering Department, University of California, Berkeley, 1/99-2/99
 Chairman, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, 7/86 - 6/94
 Associate Professor, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, 7/83 - 6/88 (Tenured 7/84)
 Assistant Professor, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, 8/79 - 6/83
 Research Assistant, Civil Engineering Department, University of Illinois, Urbana, Illinois, 1/77 - 7/79
 Lecturer (part-time), Civil Engineering Department, Tehran Technical College, Tehran, Iran, 1/75 - 5/75
 Structural Engineer (half-time), Nisaya Consulting Engineers, Tehran, Iran, 6/74 -8/75
 Lecturer (part-time), Civil Engineering Department, Nafisi Technical College, Tehran, Iran, 1/74 - 5/75
 Construction Supervisor, Civil Engineering Division, Military Industrial Organization, Tehran, Iran, 10/73 - 4/75
 Structural Engineer (half-time), Design Division, Parjam Construction Company, Tehran, Iran, 9/72 - 5/74
 Civil Engineering Trainee, Construction of General Offices for Behshahr Industrial Organization, Tehran, Iran, Summer 1971

Interviews and Coverage of Research

Wall Street Journal; USA Today; Associated Press; Los Angeles Times; Discovery Channel; The Atlantic; The Economist; The Guardian; Washington Post; ABC News; Miami Herald; NBC Affiliate, Los Angeles; Fox Affiliate, San Francisco; NBC Affiliate Salt Lake City; Las Vegas Sun; Engineering News Record; Science Daily; Materials Word Magazine, UK; Nikkei Construction; Seattle Times, and numerous interviews with the local affiliates of NPR (Reno, Sacramento, Las Vegas), CBS, NBC, ABC TV, and other local and regional newspapers

Software Application/Development

SAP 2000, NEABS, CADAM, ISADAB, LARZ Family, NEABS-86, AUTOCAD, Micro-SARB, DRAIN-3DX, MathCad

Courses Taught at the University of Nevada

CEE 140	Introduction to Civil Engineering
CEE 369	Non-Metal Testing Laboratory
CEE 372	Strength of Materials
CEE 480/680	Reinforced Concrete Design I

CEE 487/687	Reinforced Concrete Design II
CEE 723	Advanced Reinforced Concrete
CEE 724	Applied Elasticity
CEE 727	Matrix Methods of Structural Analysis
CEE 731	Advanced Dynamics of Structures

Undergraduate and Graduate Research Assistants and Research Associates

Undergraduate Research Assistants:

- | | | |
|-------------------------|----------------------|----------------------------|
| 1. Joe Shields | 18. Cole Mortensen | 35. David Hillis |
| 2. Rene Lawver | 19. Nathan | 36. Milad Oliiae |
| 3. Dan O'Connor | 20. Johnson | 37. Austin Brown |
| 4. Dave Straw | 21. Linda Flournoy | 38. Danielle Smith |
| 5. Tina Fraser | 22. Rebecca Bryan | 39. Amir Shoja-Taheri |
| 6. Eric Hutchens | 23. Mike Mayberry | 40. Misha Raffiee |
| 7. Troy Martin | 24. Rita Johnson | 41. Kevin Nguyen |
| 8. Tom Attard | 25. Edgar Gabriel | 42. Brian Nashakoji |
| 9. Dean Gardella | 26. Erik Reinhardt | 43. Colton Schaefer |
| 10. Matt Randall | 27. Jessica Gradick | 44. Osvaldo Arias |
| 11. Cory Caywood, | 28. Chris Olaegbe | 45. Wheeler Musnicki |
| 12. Nat Mangoba | 29. Ambere Banghart | 46. Claire Schreckenberger |
| 13. Anita Buzick (Bush) | 30. Brianna Schroder | 47. Larissa Chamousis |
| 14. Catherine French | 31. Robert Nelson | 48. Amaya Davis |
| 15. Brett McElhaney | 32. Erika Hull | 49. Evan Jordan |
| 16. Frank Martinovic | 33. Melissa O'Brien | 50. Christian Camarena |
| 17. Jessen Mortensen | 34. Kelly Doyle | |

MS Student Research Assistants (Supervised MS Thesis):

- | | | |
|------------------------|--|---------------------------|
| 1. Ken Hodson | 19. Manuel Coll (Univ. of Puerto Rico, Mayaguez) | 35. Barkan Kavlicoglu |
| 2. George Ghusn | 20. Suresh Acharya | 36. Manas Asthana |
| 3. Jim Hart | | 37. Tassos Vlassis |
| 4. James Orié | | 38. Heinere Ah-Sha |
| 5. Donald Orié | 21. Troy Martin | 39. Gang Dong |
| 6. Spiro Vrontinos | 22. Matt Randall | 40. Jessen Mortensen |
| 7. Joseph Shields | 23. Cory Caywood | 41. Cole Mortensen |
| 8. Tom Ho | 24. Sri Uthiram | |
| 9. Saber Abdel-Ghaffar | 25. Nath Mangoba | 42. Erik Reinhardt |
| 10. Yang Jiang | 26. Bryan Hansen | 43. Chadi Ayoub |
| 11. Dan O'Connor | 27. Ryan Moore | 44. Hasan Mohammad |
| 12. Binoy Abraham | 28. Marcello Sgambelluri | 45. Nathan Johnson |
| 13. Nadim Wehbe | 29. Patrick Laplace | 46. Suhas Chandance |
| 14. Phil Robarts | 30. Anita Buzick (Bush) | 47. Kandasamy Sureshkumar |
| 15. Dave Straw | 31. Brett McElhaney | 48. Rita Johnson |
| 16. Eric Hutchens | 32. Zhyuan Cheng | 49. Hongyu Wang |
| 17. Greg Griffin | 33. Jennifer Moore | 50. Vu Phan |
| 18. Ihab Darwish | 34. Frank Martinovic | |

51. Melissa O'Brien
52. Kelly Doyle
53. Robert Nelson
54. David Hillis

55. Austin Brown
56. Alex Larkin
57. Brian Nakashoji
58. Jared Jones

59. Evan Jordan
60. Deependra Subedi
61. Taylor Schwartz
62. Christian Camarena

PhD Student Research Assistants:

1. Saber Abdel-Ghaffar
2. Yang Jiang
3. Nadim Wehbe
4. Yolanda Labia
5. Ihab Darwish
6. Nagi Abo-Shadi
7. Claudia Pulido
8. Patrick Laplace
9. Zhyuan Cheng
10. Hisham Nada
11. Khaled Moustafa
12. Juan Correal

13. Nathan Johnson
14. Hoon Choi
15. Ashkan Vosooghi
16. Arash Zaghi
17. Sarira Motaref
18. Carlos Cruz
19. S. Mohammad
Ardakani
20. Fatemeh Kavianipour
21. Zach Haber
22. Ali Mehrosoroush
23. Amarjeet Saini

24. Mostafa Tazarv
25. Ahmed Akl
26. Zhang Hua
27. Sebastian Varela
28. Mehrdad Mehraein
29. Bahareh Abdollahi
30. Alireza Mohebbi
31. Grishma Shrestha
32. Elmira Shoushtari
33. Jose Benjumea
34. Jared Jones
35. Mahmoud Aboukifa

Research Associates:

1. E. Hwang, Post-Doctoral Fellow
2. N. Abo-Shadi, Post-Doctoral Fellow
3. S. Feng, Visiting Associate Professor,
Tshingua University, China
4. A. Wysokowski, Visiting Researcher,
Director of the Department of Field
Investigations, Polish Road and Bridge
Research Institute
5. P. Gaspersic, Visiting Researcher,
University of Ljubljana, Slovenia
6. T. Isakovic, Visiting Fulbright Scholar,
University of Ljubljana, Slovenia (3
long-term visits)
7. G. Griffin, EERI/FEMA Professional
Fellow, OBEC Consulting Engineers
8. Q. Yang, Visiting Professor, Northern
Jiaotong University, Beijing, China
9. S.M. Zadeh, Visiting Professor, Toussi
University, Tehran, Iran

10. N. Johnson, Research Assistant
Professor
11. A. Ebrahimpour, Visiting Professor,
Idaho State University, Pocatello, ID
12. A. Vosooghi, Post-Doctoral Fellow
13. Z. Haber, Post-Doctoral Fellow
14. K Shrestha, Post-Doctoral Fellow
15. M. Tazarv, Post-Doctoral Fellow
16. A. Mehrosoroush, Post-Doctoral Fellow
17. J. Ge, Visiting Associate Professor,
Shanghai Institute of Technology
18. A. Akl, Post-Doctoral Fellow
19. M. Mehraein, Post-Doctoral Fellow
20. S. Varela, Post-Doctoral Fellow
21. C.Liu, Ningbo Highway Construction
Headquarters, Zhejiang Province, China
22. J. Jia, Visiting Associate Professor,
Beijing University of Technology

National/International Committee Activities

(The acronyms used in this resume are as follows):

AACU: Association of American Colleges and Universities
ACI: American Concrete Institute
ASCE: American Society of Civil Engineers
ASTM: American Society for Testing and materials
BEI: Bridge Engineering Institute
EERI: Earthquake Engineering Research Institute
FHWA: Federal Highway Administration
IABMAS: International Association of Bridge Management and Safety
IABSE: International Association for Bridge and Structural Engineering
NEES: Network for Earthquake Engineering Simulation
PCI: Prestressed/Precast Concrete Institute
SPIE: Society of Photo-Optical Instrumentation Engineers)

ACI Committee 318- Building Code Requirements for Structural Concrete, Subcommittee D-Flexure and Axial Loads; Beams, Slabs, and Columns (2008-2014)

ACI Committee 341 - Earthquake-Resistant Concrete Bridges, Founding Chair

- Founding Committee Chairman (1991-1997)
- Chair- Subcommittee on Pier Walls (1997-2001)

ACI Committee 342 - Concrete Bridge Evaluation

ACI-ASCE Committee 352 - Joints and Connections in Monolithic Concrete Structures (1983-present)

- Chair, Subcommittee on Needed Research (1984-88)
- Chair, Subcommittee on Miscellaneous Joints (1988-92)

ACI Committee 440-F – Task Force on FRP Systems for Seismic Strengthening of Concrete Structures

ASCE Technical Council on Lifeline Earthquake Engineering (TCLEE)

ACI Committee 440, Task Force on Seismic Design of Composites

ACI Journal Oversight Team (1998-2001)

ACI Advisory Committee on Concrete International Magazine (1999-2001)

National Cooperative Highway Research Programs Panel 12-36, Redundancy of Highway Bridge Superstructures (1990-1997)

National Cooperative Highway Research Programs Panel 12-47, Redundancy of Highway Bridge Systems (1997-2000)

National Cooperative Highway Research Programs Panel 12-70, Seismic Analysis and Design of Buried Structures, Slopes, and Embankments (2003-2007)

Council on Tall Buildings and Urban Habitat Committee 21 - Cast in Place Concrete (1984-1992)

- Editor, Topical Volume, Conference Proceedings

Council on Tall Buildings and Urban Habitat Committee 22 - Nonlinear Analysis and Limit Design (1984-1992)

ACI-ASCE Committee 343 - Concrete Bridge Design (1985-2000)

- Chairman, Subcommittee on Seismic Design (1989-1995)

ACI Committee E703 - Concrete Construction (1983-1987)
 ACI-ASCE Committee 442 - Ad Hoc Subcommittee to Prepare State-of-the-Art Report on
 Nonlinear Seismic Analysis of R/C Structures (1983-1991)
 ASCE Technical Council on Computer Practices - Publications Committee (1985-1991)
 Editorial Board Member, Journal of Structural Engineering Review, Oxford, England
 Nevada Testing Institute, Advisory Board Member, Las Vegas, Nevada (1994-1999)
 Associate Editor, International Series on Advances in Earthquake Engineering, Southampton,
 England
 Advisory Panel, Structures and Codes Institute, Chicago, Illinois
 Advisory Committee, NSF-UNR-Combined Research-Curriculum Development in Computer
 Vision (2002-2003)
 FHWA Expert Panel on Guidelines for Seismic Performance Testing of Bridge Piers (2001-
 2004)
 FHWA Virtual Team for Condition Monitoring, Post-Disaster Evaluation, and Security of
 Highway Bridges (2002-2005)
 European Association for Earthquake Engineering Task Group on Seismic Design, Assessment,
 and Retrofit of Bridges- TG-11 (2007-present)
 Editorial Board Member, Journal of Earthquake Engineering and Engineering Vibration,
 Buffalo, New York (2002-present)
 Editorial Board Member, International Journal of Bridge Engineering, Athens, Greece (2013-
 present)
 Editorial and Advisory Board Member, Civil Engineering Infrastructures Journal, Tehran, Iran
 (2014-present)
 Editorial Board Member, Earthquake Engineering Research Institute (EERI) Earthquake Spectra,
 Oakland, California, USA (2016-present)
 International Advisory Committee of Bridge Engineering Institute (BEI), an International
 Technical Society (2017-present).

Key Committee Assignments at the University of Nevada, Reno

Member, Board of Regents Outstanding Researcher and Mid-Career Researcher Award Selection
 Committee, 2018
 Chair, Civil and Environmental Engineering Department Associate Professor Mentorship Policy
 Committee, 2017-2018
 Chair, Civil and Environmental Engineering Department Bylaws Committee, 2016-2017
 Chair, Civil and Environmental Engineering Faculty Evaluation Committee, 2015-2017
 Chair, Search Committee for Senior Environmental Engineering Faculty, 2014-2015
 Member, Board of Regents Outstanding Researcher Award Selection Committee, 2014
 Chair, College of Engineering Hooper Professorship Award Selection Committee, 2014
 Chair, Search Committee for Associate Vice President for Research, 2011
 Member, College of Engineering Faculty Awards Selection Committee, 2011- present
 Chair, Civil and Environmental Engineering Faculty Awards Nomination Committee, 2009-
 present
 Member, University of Nevada Reno Board of Regents Researcher Selection Committee, 2006-
 2007
 Member, Distinguished Faculty Selection Committee, 2005-2008

Member, McNair's Program Advisory Board, 2004-present
Member, University of Nevada System Board of Regents Researcher Selection Committee, 2003-2004
Chair, UNR Outstanding Researcher Selection Committee, 2004-2005
Member, UNR Outstanding Researcher Selection Committee, 2000-2005
Member, UNR Distinguished Teacher Selection Committee, 1999-2003
Chair, UNR Distinguished Teacher Selection Committee, 1999-2001
Chair, College of Engineering Personnel Committee, 1997-1998
Chair, UNR Distinguished Teacher Selection Committee, 1996
Member, Search Committee for the Dean of Engineering, 1995
Member, Search Committee for the Chair of Mechanical Engineering, 1995
Member, Search Committee for the Director of Environmental Science/Engineering Center, 1991
Member, Search Committee for the Dean of Engineering, 1987
Chair, College of Engineering Personnel Committee, 1986
Member, University Tenure and Promotion Committee, 1985
Member, Search Committee for the Academic Vice President, 1986
Chair, University Board on Global Studies and Student Exchange, 1983

Conference Chairmanship

1. Co-Director, Second NSF Workshop on Bridge Engineering Research in Progress, Reno, Nevada, 1990
2. Director, NSF Grantees Workshop, Natural Hazard Mitigation Programs, Lake Tahoe, Nevada, April 1995
3. Director, NSF US/central Europe Workshop on "Civil Infrastructure Systems for the next Century: a Global Partnership in Research" Cracow, Poland, October 1996.
4. Director, 2nd US-Turkey Workshop on Seismic Design and Retrofit of Highway Bridges, Ankara, Turkey, September 2004.
5. Chairman, 1st Nevada Undergraduate Research Symposium, Reno, Nevada, April 2006.
6. Director, FHWA/NSF Workshop on Future Directions for Long-Term Bridge Performance Monitoring, Assessment, and Management, Las Vegas, Nevada, January 2007.
7. Chairman, 3rd Nevada Undergraduate Research Symposium, Reno, Nevada, April 2008.
8. Director, NSF Workshop on Bridges of the Future- Widespread Implementation of Innovation, An International Workshop to Develop Action Plans, Las Vegas, Nevada, June 2011.

Chairmanship of Technical Sessions

1. "Seismic Bridge Design: Five Years after Loma Prieta," ACI Convention, Salt Lake City, March 1995
2. "Dynamic Response of Bridge Components and Systems," ASCE Engineering Mechanics Conference, Denver, Colorado, May 1995
3. "Seismic Retrofit of Concrete Bridges," National Concrete and Masonry Conference, San Francisco, CA, June 1995
4. "Response of Concrete Bridges during the Northridge Earthquake," ACI Convention, Montreal, Canada, November 1995

5. "Effect of Recent Earthquakes on Concrete Bridges: Performance, Retrofit, and Design," ACI Convention, Denver, Colorado, March 1996
6. US/Central Europe Workshop on Civil Infrastructure Systems for the Next Century: A Global Partnership in Research, Cracow, Poland, October 1996, (two sessions)
7. "Seismic Retrofit of Concrete Bridges in Regions of Moderate to High Seismicity," ACI Convention, Seattle, Washington, March 1997
8. "Design of Bridges," International Workshop on Seismic Design Methodologies for the Next Generation of Codes, Bled, Slovenia, June 1997
9. "Bridge Structures," Sixth US National Conference on Earthquake Engineering, Seattle, Washington, June 1998
10. "Seismic Retrofit of Bridges," Structural Engineering World Congress, San Francisco, California, July 1998
11. "Emerging Practice on Earthquake Resistant Design of Reinforced Concrete Bridges," Structural Engineering World Congress, San Francisco, California, July 1998
12. "Seismic Design of Concrete Bridges," ACI Convention, Chicago, Illinois, March 1999
13. "Hybrid Bridges," Sixth International Conference, Association for Steel-Concrete Composite Structures (ASCCS-6), Los Angeles, California, March 2000
14. Third International Concrete Conference, Session A-10; Tehran, Iran, May 2000
15. International Symposium on Modern Concrete Composites & Infrastructure, Beijing, China, December 2000
16. "Seismic Retrofit of Bridge Columns," International Conference on FRP Composites in Civil Engineering, Hong Kong, December 2001
17. "Strengthening of Bridges," First Conference on Strengthening and Retrofit of Structure, Tehran, Iran, May 2002
18. "Durability of Composite Materials-II," Third International Conference on Composite in Infrastructure, San Francisco, California, June 2002
19. "Durability of Composite Materials-II," Third International Conference on Composite in Infrastructure, San Francisco, California, June 2002
20. "Shake Table Testing of Structures," Seventh US National Conference on Earthquake Engineering, Boston, Massachusetts, July 2002
21. "Strengthening of Bridges," First International Conference on Bridge Maintenance, Safety, and Management, Barcelona, Spain, July 2002
22. "Smart Materials and Structure," International Conference on Advances and New Challenges in Earthquake Engineering Research, Hong Kong, China, August 2002
23. "Recommendations for Future Research," 2nd US-Turkey Workshop on Seismic Design and Retrofit of Highway Bridges, Ankara, Turkey, September 2004.
24. "Innovative Materials in Seismic Design of Bridges," ACI Convention, San Francisco, October 2004.
25. "Seismic Analysis and Retrofitting (1)," 2nd International Conference on Bridge Maintenance, Safety, and Management, Kyoto, Japan, October 2004
26. "Long-Term Monitoring, State-of-Practice, and Case Studies," North-American Euro-Pacific Workshop on Sensing Issues in Civil Structural Health Monitoring, Honolulu, Hawaii, November 2004.
27. "Retrofitting Methods and Experiments," 5th International Conference on Earthquake Resistant Engineering Structures, Skiathos, Greece, May-June 2005.

28. "T46- Seismic Design and Response Issues for Bridges," 8th US National Conference on Earthquake Engineering, San Francisco, California, April 2006.
29. "Innovative Development towards Improving Bridge Seismic Safety," 3rd International Conference on Bridge Maintenance, Safety, and Management, Porto, Portugal, July 2006.
30. Session SC-C, Fifth International Seismology and Earthquake Engineering Conference, Tehran, Iran, May 2007.
31. "Session II – Earthquake Resistant Engineering," 6th International Conference on Earthquake Resistant Engineering Structures, Bologna, Italy, June 2007.
32. "Working Session 3," International Workshop on Advanced Structures and Materials, University of Nebraska, Lincoln, Nebraska, November 2007.
33. "Earthquake engineering," Tenth Pan American Congress of Applied Mechanics, Cancun, Mexico, January 2008.
34. "Session B8," The Third International Conference on Bridges, Tehran, Iran, May 2008.
35. "New developments in large-scale model studies of bridge components and systems subjected to earthquakes," 4th International Conference on Bridge Maintenance, Safety, and Management, Seoul, S. Korea, July 2008.
36. "Seismic design and performance issues for highway bridges," 4th International Conference on Bridge Maintenance, Safety, and Management, Seoul, S. Korea, July 2008.
37. "Session 10, Concrete II," 24th US-Japan Bridge Engineering Workshop, Minneapolis, Minnesota, September 2008.
38. Session 1 – Keynote Speech on Engineering Education in 21st Century, 8th International Congress on Civil Engineering, Shiraz, Iran, May 2009
39. Session 2 – Keynote Speech on Computer-Integrated Civil Engineering, 8th International Congress on Civil Engineering, Shiraz, Iran, May 2009
40. "Session 4, Remedial Work and Partial Replacement," 25th US-Japan Bridge Engineering Workshop, Tsukuba, Japan, October 2009.
41. "Modeling of Bridge Seismic Response," 5th International Conference on Bridge Maintenance, Safety, and Management, Philadelphia, Pennsylvania, July 2010.
42. "High-Performance Materials in Seismic Design," Third International Conference on Seismic Retrofitting, Tabriz, Iran, October 2010.
43. "New Vision after Recent Earthquakes- Session 1 and 2," Bled 4 Workshop: Performance-Based Seismic Engineering- Vision for an Earthquake Resilient Society, Lake Bled, Slovenia, June 2011.
44. "Keynote Lectures Session V," International Conference EQADS 2011, Earthquake Analysis and Design of Structures, Coimbatore, India, December 2011.
45. "Damage of Transportation Facilities- 2," International Symposium on Engineering Lessons Learned from the Giant Earthquake, One Year After the Great East Japan Earthquake," Tokyo, Japan, March 2012.
46. "Structural Engineering and Applied Mechanics," Ninth International Congress on Civil Engineering, 9ICCE, Isfahan, Iran, May 2012
47. "Advanced Technologies in Standard Bridge Structures- from Research to Implementation," 6th International Conference on Bridge Maintenance, Safety, and Management, Stresa, Italy, July 2012.
48. "Session Earthquake VI," 11th International Conference on Structural Reliability Safety and Reliability, ICOSSAR, New York City, New York, June 2013.

49. "Advanced Materials," Session 13, NEES Annual Meeting, Quake Summit 2013, Reno, Nevada, August 2013.
50. "Application of Smart and Advanced Materials in Bridge Engineering," 2nd Conference on Smart Materials Monitoring, Assessment and Rehabilitation of Civil Structures, Istanbul, Turkey, September 2013.
51. "Extreme Load Performance and Design of Bridges for Accelerated Bridge Construction," 7th International Conference on Bridge Maintenance, Safety, and Management, Shanghai, China, July 2014.
52. "Accelerated Bridge Construction Using Precast Components," 10th US National Conference on Earthquake Engineering, Anchorage, Alaska, July 2014.
53. "Seismic Load Considerations in Design for ABC," National Accelerated Bridge Construction Conference, Miami, Florida, December 2014.
54. "Plenary Session 4," The Sixth Kwang-Hua Forum on Innovations and Implementations in Earthquake Engineering Research," Shanghai, China, December 2014.
55. "Railway Track and Structures- Session1," Fourth International Conference on Recent Advanced in Railway Engineering, Tehran, Iran, May 2015.
56. "Railway Track and Structures- Session 2," Fourth International Conference on Recent Advanced in Railway Engineering, Tehran, Iran, May 2015.
57. "Accelerated Bridge Construction (ABC) Implementation Products from ABC-UTC Research," The 2015 International Bridge Conference, Pittsburgh, Pennsylvania, June 2015.
58. "Shape Memory Alloys for Civil Construction, Session 2," 3rd Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures, Antalya, Turkey, September 2015.
59. "Session 3- Shape Memory Alloys," 4th Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures, Zurich, Switzerland, September 2017.
60. "Session 10- Earthquake-Resistant ABC," Accelerated Bridge Construction in Seismic Regions, National Accelerated Bridge Conference, Miami, Florida, December 2017.
61. Theme Session, "Seismic Design of Bridges, Present and Future," 16th European Conference on Earthquake Engineering, Thessaloniki, Greece, June 2018.
62. "Earthquakes, Seismic Retrofit and Upgrade," 2nd International Conference on Natural Hazard and Infrastructure (ICONHIC), Crete, Greece, June 2019.
63. "Shape Memory Alloys (SMAs) for Engineering Application," 5th International Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures, Potsdam, Germany, August 2019.

Patent

US Patent No: US 9,677,274 June 13, 2017, entitled "DECONSTRUCTABLE SUPPORT COLUMN STRUCTURES," Inventor Mehdi Saiidi

Honors, Awards, and Recognitions

Fellow of the American Society of Civil Engineers (FASCE)
 Fellow of the American Concrete Institute (FACI)

Honor Society of Phi Kappa Phi
Registered Professional Engineer in the State of Nevada
Registered Professional Engineer in the State of California
Who's Who in America, 57th Edition
Who's Who in Frontiers of Science and Technology, 2nd Edition
Distinguished Leadership Award for Outstanding Contributions to Civil Engineering, 2nd Edition
Supervisor of research for paper by MSCE student, Ihab Darwish, third place winner of the 1995 International student paper competition, Earthquake Engineering Research Institute, California
Supervisor of research for paper by PhD student, Ihab Darwish, first place winner of the 1997 international student paper competition for graduate students, 14th International Bridge Conference, Pennsylvania
Foundation Professor Award, University of Nevada, Reno, August 1997
Supervisor of research for paper by PhD student, Nadim Wehbe, first place winner of the 1998 international student paper competition, Earthquake Engineering Research Institute, California
University of Nevada, Reno, Outstanding Researcher of the Year Award, May 2000
Supervisor of research for paper by PhD student, Claudia Pulido, first place winner of the 2001 international student paper competition for graduate students, 18th International Bridge Conference, Pittsburgh, Pennsylvania
Nevada Seismic Safety Commission 2002 Award for Seismic Retrofit of Las Vegas Downtown Viaduct, May 2002
Regents' Researcher Award, University and Community College System of Nevada Board of Regents, March 2003
University of Illinois at Urbana-Champaign Distinguished Alumnus Award, April 2003
Lemelson Award for Innovative Research, College of Engineering, University of Nevada, Reno, March 2004
Advisor of the Year Award, Associated Students at the University of Nevada, Reno for advising the Society of Independent Persian Students, April 2004
Supervisor of research for paper by PhD student, Ashkan Vosooghi, first place winner of the First International Student Paper Competition in Honor of Prof. M. Ghalibafian, Los Angeles, California (2009)
Supervisor of research for paper by PhD student, Sarira Motaref, first place winner of the 2010 James Cooper Student Award, competition for graduate students, International Bridge Conference, Pittsburgh, Pennsylvania
College of Engineering Excellence in Research Award, University of Nevada, Reno, May 2014.
Established Innovator Award, Office of Vice President for Research and Innovation, University of Nevada, Reno, May 2016.
Inducted as a member of the Academy of Engineering of Mexico, November 2017.
Innovative Bridge Project in Seattle was selected as one of the Sweet 16 Transportation Projects, Transportation Research Board, January 2018.
Distinguished Engineer, Iranian Society of Structural Engineering, February 2018.
Local Outstanding Civil Engineering Achievement, 2018, Seattle Section of ASCE (for the SR 99 Alaskan Way Viaduct North Bound Off Ramp with Innovative Materials; Shared with Bijan Khaleghi, Jed Bingle, and Tim Moore).

The 2018 Precast/Prestressed Concrete Institute's Robert J. Lyman Award for Journal Article:
"Precast concrete spliced-girder bridge in Washington State using superelastic materials in
bridge columns to improve seismic resiliency: From research to practice," PCI Journal,
Precast/Prestressed Concrete Institute, January-February 2018, pp. 57-71.

Top 5 Outstanding Civil Engineering Achievement in the United States, 2018, ASCE (for the SR
99 Alaskan Way Viaduct North Bound Off Ramp with Innovative Materials; Shared with
Bijan Khaleghi, Jed Bingle, and Tim Moore).

International Bridge Conference Award for Bridge Research, SR-99 Tunnel South Access
Bridge, National Harbor, Maryland, June 2019.

Journal Paper and Research Proposal Review Work

National Science Foundation Research and Major Equipment Proposals
National Science Foundation Engineering Research Center Proposals
Site Evaluator, National Science Foundation Engineering Research Centers
Natural Sciences and Engineering Research Council of Canada Proposals
National Research Council Twinning Program Proposals
ACI Structural Journal Manuscripts
ACI Materials Journal Manuscripts
ASCE Structural Engineering Journal Manuscripts
ASCE Bridge Engineering Journal Manuscripts
ASCE Journal of Composite Construction Manuscripts
ASCE Computing in Civil Engineering Journal Manuscripts
ASCE Journal of Constructed Facilities Manuscripts
International Journal of Soil Dynamics and Earthquake Engineering Manuscripts
ASCE Infrastructural Systems Journal Manuscripts
International Journal of Engineering Structures Review Manuscripts
Earthquake Spectra, Earthquake Engineering Research Institute Manuscripts
PCI Journal Manuscripts
International Journal of Structural Engineering and Mechanics Manuscripts
Journal of Earthquake Engineering
Journal of Bridge Engineering
Canadian Journal of Civil Engineering
Journal of Seismology and Earthquake Engineering, Iran
International Conference on Concrete under Severe Conditions Manuscripts
International Journal of Construction and Building Materials Manuscripts
International Journal of Earthquake Engineering and Structural Dynamics Manuscripts
International Journal of Advances in Structural Engineering Manuscripts
National Concrete and Masonry Engineering Conference Manuscripts
Research Proposals for the Connecticut Transportation Institute
Session Proposals for the AACU Conference, The Student as Scholar: Undergraduate Research
and Creative Practice
Research Proposals for the Sea Grant Program at the University of Puerto Rico, Mayaguez
Mexican Journal: Revista de Ingenieria Sismica
Member of Review Panels for National Cooperative Highway Research Programs
Member of Review Panels for the National Science Foundation research proposals

Society Memberships

American Society of Civil Engineers (ASCE)

American Concrete Institute (ACI)

Earthquake Engineering Research Institute (EERI)

International Association for Bridge Management and Safety (IABMAS)

Executive Committee, Bridge Engineering Institute, an International Technical Society

Consulting

Desert Research Institute: Design of a steel platform to support a laser device, 9/79 - 3/80

Holcomb Construction Company: Modification of a program on a microcomputer, 5/80 - 7/80

Jack Means & Associates: Earthquake analysis of an irregular 7-story building, 8/80 - 9/80

Ferrari/Howard & Associates: Application and interpretation of computer results in structural analysis of an irregular building, 10/80 - 11/80

H.V. Lamberti Consulting Engineer: Modeling of structures on a microcomputer, 11/80

Ferrari/Howard & Associates: Study of the failure of concrete pavement at the Reno Airport, 7/82 - 10/82

Ferrari/Howard & Associates: Preparation of a proposal for seismic evaluation of existing buildings, 7/83 - 8/83

Omni-Means, Ltd.: Modeling of two structures on computers, 10/83 -12/83

Alan T. Power, Ltd.: Review of the design of Tropicana Hotel prestressed concrete slab system, 1/84 - 3/84

Clark Gribben & Associates: Preparation of a small business research proposal for nonlinear seismic modeling of structures, 6/85 - 7/85

Ferrari/Howard & Associates: Review of cause of cracks in a tilt up wall structure, 1/86

Reno Iron Works: Review of computer needs and recommendation for future direction, 4/86

Structures Unlimited: Correlation studies of calculated and measured deflection of an R/C slab subjected to test loads, 6/86

Ferrari/Howard & Associates: Computer-aided seismic modeling of a stepped building, 7/86 - 2/87

Ferrari/Howard & Associates: Design of a 65-foot diameter R/C ring beam, 11/86

Ferrari/Howard & Associates: Dynamic stability analysis of a vending machine, 3/87

Ferrari/Howard & Associates: Vibration reduction of a composite floor system, 6/87 - 8/87

Terra Aqua, Inc.: Testing and evaluation of different connection details of gabion wire meshes, 7/87

Ferrari/Howard & Associates: Evaluation and retrofitting of a R/C structure for blast loads, 4/88 - 9/88

Ferrari/Howard & Associates: Evaluation of May 1988 Henderson explosion effect on a timber roof, 8/88 - 12/88

Ferrari/Howard & Associates: Monitoring and evaluation of cause of cracking in a multistory R/C building, 10/88 - 5/90

Ferrari & Associates: Modeling and evaluation of a R/C structure with severe cracking, 5/89 - 5/90

District II - Nevada Department of Transportation: Identification of trigger wind velocities to cause vehicle instability, 5/95-9/95

Ferrari & Associates: Evaluation of two prestressed concrete parking structures with severe cracking, 12/95-4/96

Ever-Level Systems, Inc.: Analysis of a new base isolation system subjected to earthquake loads, 4/00-6/00

Sifred & McClusky Law Firm: Evaluation of wind stability of a trailer, 12/04-2/06

S.K. Ghosh Associates: Peer review of use of MMFX steel in a multi-story concrete building in S. Nevada, 12/05-4/06

S.K. Ghosh Associates: Peer review of use of MMFX steel in a cable-stayed bridge in S. California, 7/11-8/11

Arora and Associates: Subject Matter Expert on domestic AASHTO scan on accelerated bridge construction under multi-hazard loading, 8/11-2/13

Infrastructure Innovation, LLC, National Cooperative Highway Research Program, Seismic Design of Bridge Columns with Improved Energy Dissipating Mechanisms, 7/14-2/17.

Infrastructure Innovation, LLC, SC Solutions, Team Member for the California Department of Conservation Funded Project: Rapid Post-Earthquake Safety Evaluation of New Carquinez Bridge and Using Fragility Curves and Recorded Strong-Motion data, 12/14-12/16

Infrastructure Innovation, LLC, University of Connecticut, National Science Foundation, PFI: AIR - TT: A Hybrid Metal/Glass Composite System for Multi-hazard Resilient Bridge Columns, 9/15-8/19

Infrastructure Innovation, LLC, Idaho State University, Peer Reviewer for Research Project Titled: “Seismic Performance of Columns with Grouted Couplers in Idaho Accelerated Bridge Construction Applications,” 9/15-9/16

Infrastructure Innovation, LLC, Idaho State University, Peer Reviewer for Research Project Titled: “Effectiveness of High Early Strength Concrete Class 50AF with Polypropylene Fibers as a Cost-Effective Alternative for Field-Cast Connections of Precast Elements in Accelerated Bridge Construction,” 1/17-9/18

Tutor Perini, Zachary, Parsons, “Tuolumne St. Bridge Deck Repair Analysis,” 5/18-6/18.

Infrastructure Innovation, LLC, University of Southern California, National Cooperative Highway Research Program, Innovations Deserving Exploratory Analysis (IDEA), Project 210, “Cu-Based Superelastic Alloys for Applications in Bridge Columns to Improve Seismic Performance,” October 2018-October 2020.

Short Courses Taught

Multistory Concrete Buildings Design, joint with Mark Fintel and S.K. Ghosh, Reno, Nevada, May 1984

Design of Reinforced Concrete Connections, Reno, Nevada, April 1985

Computer-Aided Seismic Analysis of Highway Bridges, Reno, Nevada, April 1993

Seismic Analysis and Design of Highway Bridges, Cairo, Egypt, January 1996

Seismic Design of Highway Bridges, Reno, Nevada, April 1996

Seismic Design of Bridges, Innovation in Construction and Design of Bridges under Seismic Loads, Webinar through S.K. Ghosh and Associated, February 2012

Methods and Tools for Experimental Testing of Structures, Fulbright Scholar Short Course, University of Buenos Aires, Argentina, December 2013

Short Courses Attended

CADAM, A Computer-Aided Design System, Reno, Nevada, April 1984 (5 days)
Bridge Inspection, Evaluation, & Rehabilitation, Boston Massachusetts, July 1989 (3 days)
Fostering Critical Thinking, Reno, Nevada, March 2002 (1 Day)

Invited Workshop Participation

1. National Workshop to Review Earthquake Engineering Research Needs for Bridges, Reno, Nevada, April 1984
2. Joint U.S./New Zealand Workshop on Evaluation of Research Needs in Seismic Aspects of Bridges, San Diego, California, May 1985
3. Third Joint U.S./Japan Workshop on Performance and Strengthening of Bridge Structures, Tsukuba, Japan, May 1987
4. Fourth Joint U.S./Japan Workshop on Bridge Engineering, San Diego, California, May 1988
5. National Science Foundation Forum for Innovative Bridge Research (FIBR), Washington, D.C., October 1991
6. National Science Foundation Bridge Strengthening and Rehabilitation Workshop, Des Moines, Iowa, April 1993
7. National Science Foundation Earthquake Engineering and Earthquake-Related Earth Science Research in the Next Decade, June 1993
8. International Workshop on Civil Infrastructural Systems, Taipei, Taiwan, January 1994
9. Second U.S./Japan Workshop on Seismic Retrofit of Bridges, San Francisco, California, January 1994
10. Tenth Joint U.S./Japan Workshop on Bridge Engineering, Lake Tahoe, Nevada, May 1994
11. U.S. delegation of 13 members to visit and present papers in Hungary, Slovak Republic, Czech Republic, and Poland, June 1994
12. U.S. delegation of 5 members to visit and present papers in Hungary, Romania, and Moldova, September 1994 (delegation leader)
13. U.S./China Workshop on Joint Research in Earthquake Engineering, San Francisco, California, August 1995
14. U.S. delegation of 7 members to meet with researchers and administrators in Poland and the Czech Republic, October 1995
15. U.S./Central Europe Workshop on “Civil Infrastructure Systems for the Next Century: a Global Partnership in Research,” Cracow, Poland, October 1996 (Workshop Director)
16. International Workshop on Seismic Design Methodologies for the Next Generation of Codes, Bled, Slovenia, June 1997
17. U.S./China Workshop on Joint Research in Earthquake Engineering, San Jose, California, October 1997
18. U.S./Japan Workshop on Smart Materials and New Technologies for Improvement of Seismic Performance of Urban Structures, Disaster Prevention Research Institute, Kyoto University, February 1999
19. NSF-NEES Grid Workshop, Los Angeles, California, November 2000
20. First Annual Minority Graduate Education Faculty Mentoring Institute, Phoenix, Arizona, January 2001

21. US/UK/EU Meeting to Develop Research Topics on Civil Infrastructure Systems, London, England, July 2001
22. Workshop on Strong Motion Instrumentation of Buildings, Consortium of Organizations for Strong-Motion Observation Systems, Emeryville, California, November 2001
23. FHWA Expert Panel on Guidelines for Seismic Performance Testing of Bridge Piers, San Francisco, California, August 2002
24. First US-China Workshop on Seismic Analysis and Design of Special Bridges, Shanghai, China, October 2002
25. NSF-FHWA US-Japan Workshop on Advancing the State-of-the-Art and Practice of the Engineering and Management of Highway Infrastructure, Tokyo, Japan, November 2003
26. NSF-FHWA US-Japan Meeting on Evaluating Bridge Reliability Following Natural and Man-Made Hazards in Real-Time, Kyoto, Japan, October 2004.
27. North-American Euro-Pacifica Workshop on Sensing Issues in Civil Structural Health Monitoring, Honolulu, Hawaii, November 2004
28. US Japan Workshop on Collaboration on Earthquake Engineering of Bridges Using NEES/E-Defense, San Francisco, California, February 2005
29. First US-Portugal International Workshop: Grand Challenges in Earthquake Engineering 250 years after the 1755 Lisbon Earthquake, July 2005
30. Fourth Planning Meeting for NEES/E-Defense Collaboration, E-Defense, Kobe-Miki, Japan, August 2005.
31. Research Development Workshop for FY 2006/07, California Department of Transportation, Sacramento, California, August 2005.
32. Fifth Planning Meeting for NEES/E-Defense Collaboration, E-Defense, San Francisco, California, December 2005.
33. Second US-Taiwan Bridge Engineering Workshop, San Francisco, California, September 2006.
34. Planning Meeting for NEES/E-Defense Collaboration on Bridge Model Testing, Kobe, Japan, September 2007
35. 2007 FHWA Seismic Accelerated Bridge Construction Workshop, San Diego, California, October 2007
36. NSF International Workshop on Performance-Based Infrastructure Asset Management, Istanbul/Ankara, Turkey, July 2008
37. 24th US-Japan Workshop on Bridge Engineering, Minneapolis, Minneapolis, September 2008
38. FHWA Workshop on Shape Memory Alloys in Infrastructure, Washington, DC, May 2009
39. International Specialty Workshop on Seismic Connection Details for Segmental Bridge Construction, Seattle, Washington, July 2009
40. 25th US-Japan Workshop on Bridge Engineering, Tokyo, Japan, October 2009
41. Workshop to Create a Center for Accelerated Bridge Construction (ABC), Miami, Florida, November 2010
42. Second Annual NSF Workshop on Sciences behind Sustainability Quantification for Building and Infrastructure Design, Engineering, and Construction (S2QBIDEC), Ft. Worth, Texas, November 2012
43. US-China Planning Workshop for Multi-Table Testing of Structures, Tongji University, Shanghai, China, December 2012

44. Fourth Workshop on China-USA Collaboration for Disaster Evolution/Resilience of Civil Infrastructure and Urban Environment, Reno, Nevada, August 2013
45. 11th US-Taiwan Bridge Engineering Workshop, Taipei, Taiwan, October 2016
46. 31st Joint U.S./Japan Bridge Engineering Workshop, Los Angeles, California, July 2018
47. Lifelines: Performance-Based Design and Resiliency, an Interactive Workshop, Earthquake Engineering Research Institute Annual Meeting, Vancouver, British Columbia, Canada, March 2019
48. Resilience-Based Design for Next-Generation Bridge Design and Construction Workshop, Southampton, England, July 2020.

Member of Scientific/Advisory Committees for the following conferences:

1. Fourth International Conference on Safety of Bridge Structures, Wroclaw, Poland, September 1992
2. NSF Symposium on Practical Solutions for Bridge Strengthening and Rehabilitation, Des Moines, Iowa, April 1993
3. NSF First International Conference on Composites in Infrastructure held in Tucson, Arizona, January 1996
4. NSF Workshop on Structural Reliability, Boulder, Colorado, October 1996
5. Scientific Board for the 4th International Conference on Civil Engineering, Iran, May 1997
6. Editorial Board for the International Conference on Innovations in Civil/Structural Engineering, England, August 1997
7. Editorial Board for the “Advances in Earthquake Engineering” series, Computational Mechanics Publications, Southampton, England, 1997
8. Nevada Science and Technology Symposium, Las Vegas, Nevada, January 2000
9. Scientific Committee for the International Symposium on Modern Concrete Composites & Infrastructure, Beijing, China, November-December 2000
10. Technical Committee for the Seventh US National Conference on Earthquake Engineering, Boston, Massachusetts, July 2002
11. ACI Ad-hoc Innovation Committee to Review Steel-Free Decks, 2000
12. ACI-TAC (Technical Activities Committee) External Review Member, 2001
13. International Scientific Advisory Committee for the 4th International Conference on Seismology and Earthquake Engineering Structures (SEE-4), Tehran, Iran, May 2003
14. International Scientific Advisory Committee for the 4th International Conference on Earthquake Resistant Engineering Structures, Ancona, Italy, September 2003
15. Scientific Committee for the 2nd International Conference on Bridge Maintenance, Safety, and Management, Kyoto, Japan, October 2004
16. International Scientific & Engineering Committee for the North American Euro Pacific Workshop for Sensing Issues in Civil Structural Health Monitoring, Oahu, Hawaii, November 2004
17. International Scientific Advisory Committee for the 5th International Conference on Earthquake Resistant Engineering Structures, Skiathos, Greece, May-June 2005
18. Editorial Board, Tenth International Conference on Civil, Structural, and Environmental Engineering Computing, Rome, Italy, August-September 2005
19. Steering Committee, Civil Engineering Infrastructure Systems, An International Conference, Beirut, Lebanon, June 2006

20. Scientific Committee for the 3rd International Conference on Bridge Maintenance, Safety, and Management, Porto, Portugal, July 2006
21. International Scientific Committee for the 3rd International Conference on FRP Composites in Civil Engineering, Miami, Florida, December 2006
22. Planning Committee for the AACU Network for Academic Renewal Conference- The Student as Scholar: Undergraduate Research and Creative Practice, Long Beach, California, April 2007
23. Planning Committee for the 4th International Workshop on Structural Concrete in the Americas, Atlanta, Georgia, April 2007
24. International Scientific Committee for the 5th International Conference on Seismology and Earthquake Engineering (SEE-5), Tehran, Iran, May 2007
25. International Scientific Advisory Committee for the 6th International Conference on Earthquake Resistant Engineering Structures, Bologna, Italy, June 2007
26. International Scientific Advisory Committee for the 10th Pan-American Conference on Applied Mechanics Cancun, Mexico, January 2008
27. Scientific Committee, The 3rd International Conference on Bridges, Tehran, Iran, May 2008.
28. Scientific Committee for the 4th International Conference on Bridge Maintenance, Safety, and Management, Seoul, S. Korea, July 2008
29. Planning Committee for the 5th International Workshop on Structural Concrete in the Americas, St. Louis, Missouri, October 2008
30. Scientific Board for Special Symposium "Modeling of Structures," in Honor of Opening New Engineering College in Mostar, Bosnia-Herzegovina, November 2008
31. International Scientific Advisory Committee for the 7th International Conference on Earthquake Resistant Engineering Structures, Cypress, June 2009
32. International Scientific and Technical Committee for the International Conference on Recent Advances in railway Engineering, Tehran, Iran, October 2009
33. International Scientific and Committee for the International Conference in Structural Engineering and Construction (ISEC), Las Vegas, NV, September 2009
34. International Scientific Committee for the First International Conference on Concrete Technology, Tabriz, Iran, November 2009
35. Scientific Committee for the 5th International Conference on Bridge Maintenance, Safety, and Management, Philadelphia, Pennsylvania, July 2010
36. Chair, National Organizing Committee for the 5th International Conference on Bridge Maintenance, Safety, and Management, Philadelphia, Pennsylvania, July 2010
37. International Scientific Committee for the Third International Conference on Seismic Retrofitting, Tabriz, Iran, October 2010
38. International Scientific Committee for the 6th International Conference on Seismology and Earthquake Engineering (SEE-6), Tehran, Iran, May 2011
39. Scientific Committee for the 6th International Conference on Bridge Maintenance, Safety, and Management, Lake Como, Italy, July 2012
40. International Advisory Committee, International Symposium on the Great East Japan Earthquake, Tokyo, Japan, March 2012
41. Steering Committee for Innovations on Bridges and Soil-Structure Interaction International Institute, 2011-present

42. Scientific Committee for the 6th International Conference on Bridge Maintenance, Safety, and Management, Lake Como, Italy, July 2012
43. US-China Planning Meeting for the 2013 Workshop on Design and Execution of Large-Scale Shake-Table Experiments, Shanghai, China, December 2012
44. Conference Board of Academic Members for the Third International Conference on Recent Advances in Railway Engineering, Tehran, Iran, May 2013
45. Co-Chair, Technical Program Committee, NEES Annual Meeting, Quake Summit, Reno, Nevada, August 2013
46. Scientific Committee for the 2nd Conference on Smart Monitoring, Assessment, and Rehabilitation of Civil Structures, Istanbul, Turkey, September 2013
47. Scientific Committee for the 7th International Conference on Bridge Maintenance, Safety, and Management, Shanghai, China, July 2014
48. International Scientific Board, 4th International Conference on Acoustics and Vibration, Tehran, Iran, December 2014
49. International Scientific Committee, 7th International Conference on Earthquake Engineering and Seismology, Tehran, Iran, May 2015
50. Board of Academic Advisors, International Congress on Advanced Railway Engineering, Istanbul, Turkey, May 2015
51. Scientific Committee for the 3rd Conference on Smart Monitoring, Assessment, and Rehabilitation of Civil Structures (SMAR), Anatolia, Turkey, September 2015
52. Scientific Committee for the 5th International Conference on Acoustics and Vibration, Tehran, Iran, 2015
53. Scientific Committee for the 1st International Conference on Natural Hazards and Infrastructure: Protection, Design, Rehabilitation, Crete, Greece, June 2016
54. Scientific Committee for the 8th International Conference on Bridge Maintenance, Safety, and Management, Iguacu, Brazil, June 2016
55. Scientific Committee for the 1st International Conference on Modern Materials and Structures in Civil Engineering, Tehran, Iran, October 2016
56. International Scientific Committee, 6th International Conference on Acoustics and Vibration, Tehran, Iran, December 2016
57. International Scientific Committee for the 4th Conference on Smart Monitoring, Assessment, and Rehabilitation of Civil Structures (SMAR), Zurich, Switzerland, September 2017
58. Organizing and Scientific Committee for the 11th International Congress on Civil Engineering, Tehran, Iran, May 2018
59. Scientific Committee for the 9th International Conference on Bridge Maintenance, Safety, and Management, Melbourne, Australia, July 2018
60. International Scientific Committee for the 5th Conference on Smart Monitoring, Assessment, and Rehabilitation of Civil Structures (SMAR), Berlin, Germany, August 2019
61. International Scientific Committee for the International Conference in Commemoration of 20th Anniversary of the 1999 Chi-Chi Earthquake, Taipei, Taiwan, September 2019
62. International Scientific Committee for International Conference on Seismic Prevention & Disaster Mitigation and Engineering Innovation of bridges in Hangzhou, China, December 2019

63. Scientific Committee for the 10th International Conference on Bridge Maintenance, Safety, and Management, Sapporo, Japan, June-July 2020
64. International Scientific Committee, 8th International Conference on Seismology and Earthquake Engineering (SEE8), Tehran, Iran, November 2020.

Other Activities

Founding Coordinator of the Nevada Medal for Distinguished Graduate Student Paper Award competition, 2000-present. The award is funded through an endowment by a former graduate student, Simon Wong, Simon Wong Engineering, San Diego, California.

Member of EERI Reconnaissance Team to investigate bridge damage in the August 1993 earthquake in Guam, USA

Member of the editorial board for the International Journal of Engineering Structures Review, 1995-97

Officer in ASCE Truckee Meadows Branch, May 1986 - September 1989 (President, 1988-89)

Officer in ASCE Nevada Section, September 1995-2000 (President, 1998-99)

Presented a nontechnical seminar entitled "What Earthquakes Do to Buildings" at the following:

- Reno Host Lion's Club, October 1987
- Sierra Nevada Chapter of Chartered Property Casualty Underwriters, Reno, April 1988
- Associated General Contractors Annual Conference, Reno, February 1990

Nevada Earthquake Awareness Week, University of Nevada, Reno, April 1990

Discussion Leader on the topic of "Civil Engineering Education; Where Should We Be Going?" ASCE Zone 4 Management Conference, Phoenix, February 1988

Served as a member of Nevada Public Works Consultant Selection Committee for a \$10,000,000 engineering laboratory project, 1988

Served as a member of City of Reno Consultant Selection Committee for a \$150,000,000 waste water treatment project, 1989

Was interviewed on earthquake engineering and safety in "High Desert Forum," a one-hour KUNR public radio talk show, February 2004

Served as external international expert to the European Union Funded Seismic Research Project on Reinforced Concrete Building Retrofit (BANDIT), University of Sheffield, UK, 2010-2013.

Served as external international expert to the European Union Funded Research Project: Real Time Intercity Seismic Risk (RETIS), Aristotle University of Thessaloniki, Greece, 2013-2015.

Research Grants Received

1. University of Nevada Research Advisory Board, \$2,500, "Simple Earthquake Analysis of R/C Structures," PI: Saiidi, December 1979.
2. National Science Foundation, \$44,745, "Simple Earthquake Analysis of Multistory Reinforced Concrete Structures," PI: Saiidi, July 1980.

3. National Science Foundation, \$177,125, "Maximum Amplitude Nondestructive Dynamic Testing of a Highway Bridge and Implications for Seismic Design," PI: Douglas, CoPI: Saiidi, January 1982.
4. National Science Foundation, \$45,616, "Field Study of Concrete Form Loads and Pressures," PI: Douglas, CoPI: Saiidi, January 1982.
5. National Science Foundation, \$93,542, "Strengthening of Flexural Members through the Use of Epoxy Bonded Overlays Under Static and Repeated Loads," PI: Saiidi, CoPI: Douglas, July 1984.
6. National Science Foundation, \$415,185, "Large-Amplitude Field Response Studies of Highway Bridges Subjected to Static and Dynamic Loading," PI: Douglas, CoPI: Saiidi, July 1984.
7. National Science Foundation, \$37,428, "Microcomputer Applications in Seismic Design of Regular Highway Bridges," PI: Saiidi, CoPI: Douglas, August 1984.
8. National Science Foundation, \$147,425, "Age Effects in Elastomeric Bridge Bearing Pads," PI: Douglas, CoPIs: Saiidi, Epps, August 1985.
9. National Science Foundation, \$25,707, "Data Acquisition Equipment for Laboratory Testing of Bridge Components," PI: Saiidi, July 1985.
10. National Science Foundation, \$129,290, "An Experimental Study of R/C Pinned Bridge Piers Subjected to Combined Axial Force, Shear, and Flexure," PI: Saiidi, CoPI: Douglas, June 1987.
11. Sierra Pacific Power Company, \$23,398, "Wind and Ice Loading Maps for SPPC's Service Area in Northern Nevada and Eastern California," PI: Saiidi, CoPI: Maragakis, June 1987.
12. Nevada Department of Transportation, \$45,955 "A Study of Prestress Losses in Highway Bridges in Nevada," PI: Saiidi, August 1987.
13. California Department of Transportation and National Science Foundation, \$374,000, "Assessment of Bridge Seismic Design and Instrumentation Requirements Using Full-scale Testing and Dynamic Analysis of the Meloland Road Overpass," PI: Douglas, CoPI: Saiidi, February 1988.
14. National Science Foundation, \$30,000, "Analysis of the Response of Reinforced Concrete Buildings during the 1987 Whittier Earthquake," PI: Maragakis, CoPI: Saiidi, February 1988.
15. National Science Foundation, \$29,948, "Non-Destructive Evaluation of Prestress Forces in an Actual Bridge," PI: Saiidi, CoPI: Douglas, November 1988.
16. Department of Energy through the University of Nevada, Las Vegas, \$53,105, "Survey and Evaluation of Nevada's Transportation Infrastructure -Task 7.2: Highway Bridges," PI: Saiidi, CoPI: Maragakis, March 1989.
17. Nevada Department of Transportation, \$51,578, "Review and Evaluation of Bridge Deck Repair Techniques," PI: Saiidi, January 1990.
18. National Science Foundation, \$60,735, "Second Workshop on Bridge Engineering Research in Progress," PI: Douglas, CoPI: Saiidi, January 1990.
19. National Science Foundation, Nevada Department of Transportation, \$78,740 [\$73,740 (NSF) and \$5,000 (NDOT)], "Evaluation of Seismic Retrofitting on the Earthquake Response of Highway Bridges," PI: Maragakis, CoPI: Saiidi, February 1990.
20. National Science Foundation, \$1,300, "Travel to Poland - Planning of Cooperative U.S.-Poland Joint Research on Bridge Evaluation," PI: Saiidi, April 1990.

21. Center for Infrastructure Studies, \$60,259, "Application of Fiber Optical Sensors in Monitoring and Evaluation of Reinforced Concrete Bridges," PI: Saiidi, CoPIs: Rawat, Sanders, Griffiths, June 1990.
22. Center for Infrastructure Studies, \$94,633, "Seismic Resistance Survey of Highway Bridges in the State of Nevada," PI: Douglas, CoPIs: Saiidi, Maragakis, Sanders, May 1990.
23. Center for Infrastructure Studies, \$19,857, "Analysis and Application of Bridge Base Isolation Systems," PI: Maragakis, CoPIs: Douglas, Saiidi, May 1990.
24. Center for Infrastructure Studies, \$66,941, "Application of Advanced Composites in Repair and Retrofitting of Reinforced Concrete Bridges," PI: Saiidi, CoPI: Gordaninejad, May 1990.
25. California Department of Transportation, \$91,328, "A Comprehensive Evaluation of the Performance of Bridge Cable Restrainers during the Loma Prieta Earthquake," Joint PIs: Saiidi/Maragakis, August 1990.
26. Center for Infrastructure Studies, \$1,820, "The Development of A Course on Introduction to Infrastructure Studies," PI: Saiidi, October 1990.
27. Nevada Department of Transportation, \$49,772, "A Study of Prestress Losses in A Box Girder Bridge in Southern Nevada," PI: Saiidi, June 1991.
28. Center for Infrastructure Studies, \$34,103, "Retrofitting Techniques for Damaged Prestressed Concrete Box Girders," PI: Saiidi, CoPI: Douglas, September 1991.
29. Center for Infrastructure Studies, \$45,540, "Survey and Evaluation of Nevada's Highway Bridges" PI: Saiidi, September 1991.
30. Center for Infrastructure Studies, \$27,070, "Combined Active and Passive Control of Structures with Smart Materials and Advanced Composites," PI: Gordaninejad, Co-PI: Saiidi, September 1991.
31. UNR International Activities Programs, \$2,200, Study Reinforced Bridge Durability in Collaboration with A Scientist from Poland and visit Poland, PI: Saiidi, December 1991.
32. Center for Infrastructure Studies, \$69,816, "Nuclear Spent Fuel Transportation; Economic Impact on Highway Bridges in Nevada," Co-PIs: Maragakis, Saiidi, and Sanders, November 1992.
33. National Science Foundation, \$244,173 (including \$38,500 matching funds from the University of Nevada), "Evaluation and Damage Repair of 23-year Old Prestressed Bridge Box Girders," PI: Saiidi, CoPI: Douglas, December 1992.
34. Nevada Department of Transportation, \$40,000, "Seismic Damage Potential Analysis of Bridges in Northern Nevada," PI: Saiidi, CoPI: Maragakis, May 1993.
35. National Center for Earthquake Engineering Research, \$156,559, "Capacity Detailing of Columns, Walls, and Piers for Ductility and Shear," PI: Saiidi, CoPIs: Sanders and Douglas, July 1993.
36. Nevada Department of Transportation, \$225,893, "Development and Testing of Seismic Retrofit Details for Bridges in Northern Nevada," PI: Saiidi, CoPIs: Sanders and Douglas, August 1993.
37. Nevada Department of Transportation, \$68,825, "A Study of Prestress Losses in Four Bridges in Northern Nevada," PI: Saiidi, November 1993.
38. National Science Foundation and the State of Nevada, \$762,418, "Bridge Engineering Cluster; EPSCoR," PIs: Douglas and Saiidi, February 1994.

39. National Science Foundation, \$25,000, "NSF Research Grantees Workshop for Earthquake Hazard Mitigation Programs," PI: Saiidi, CoPI: Maragakis, June 1994.
40. National Center for Earthquake Engineering Research, \$12,000, "United States-Eastern Europe-former Soviet Republics Workshops of 1994," PI: Saiidi, August 1994.
41. National Science Foundation, \$262,981 including \$60,000 matching funds from the University of Nevada, "An Active Damper System for Hybrid Control of Bridges under Earthquakes," PI: Gordaninejad, CoPIs: Chang, and Saiidi, September 1994.
42. Nevada Department of Transportation, \$38,184, "A Review of Flared Bridge Columns in the State of Nevada and Design Recommendations," PI: Saiidi, January 1995.
43. Nevada Department of Transportation, \$88,511, "In-Situ Stiffness and Damping of Spread Footings and Pile Foundations in Bridges in Northern Nevada," PI: Saiidi, Co-PIs: Maragakis and Norris, January 1995.
44. National Science Foundation, University of Puerto Rico EPSCOR, \$95,000, "Patterns of Inelastic Deformation in the Joints of R/C Frames Subjected to Strong Earthquakes," Joint project with the University of Puerto Rico, PI: Lopez, Co-PI: Saiidi, March 1995.
45. Concrete Reinforcing Steel Institute, California, \$2,500, "Reinforced Concrete Teaching Enhancement," PI: Saiidi, August 1995.
46. National Center for Earthquake Engineering Research, Buffalo, NY, \$185,000, "Evaluation of the Seismic Response of Reinforced Concrete Bridge Pier Walls," PI: Saiidi, CoPIs: Sanders and Douglas, December 1995.
47. National Center for Earthquake Engineering Research, \$101,116, Buffalo, NY, "An Evaluation and Refinement of Longitudinal Bridge Restrainer Design Method in AASHTO," PI: Saiidi, CoPI: Maragakis, December 1995.
48. US-Slovene Science and Technology Joint Fund, \$60,000, "Seismic Analysis and Damage Assessment of RC Bridges," Slovenian PI: Fischinger; US PI: Saiidi, January 1996.
49. National Science Foundation, \$10,000, "Evaluation and Damage Repair of 23-year Old Prestressed Bridge Box Girders, Supplemental Funds for Research Experience for Undergraduates" PI: Saiidi, CoPI: Douglas, February 1996.
50. National Science Foundation, \$39,726, "US-Central Europe Workshop on Civil/Infrastructure Research for the Next Century," PI: Saiidi, July 1996.
51. Nevada Department of Transportation, \$128,107, "Proof-testing and Seismic Retrofit of Flared Bridge Columns in the Airport Viaduct in Reno," PI: Saiidi, Co-PI: Sanders, July 1996.
52. National Science Foundation, \$500,000, "An Enhanced Bridge Engineering Cluster at the University of Nevada, Reno," PIs: Douglas and Saiidi, July 1996.
53. Concrete Reinforcing Steel Institute, California, \$3,000, "Reinforced Concrete Teaching Enhancement Grant," PI: Saiidi, August 1996.
54. National Science Foundation, \$378,150, "Bridge Research and Information Center" PI: Maragakis, Co-PI: Saiidi, September 1996.
55. National Science Foundation, \$150,383, "Strength Evaluation and Retrofitting of RC Pinned Bridge Pier/Footing Connections" PI: Sanders; Co-PI: Saiidi, March 1997.
56. California Department of Transportation, \$276,205, "Shake-Table Testing of Old Retrofitted and New RC Bridge Columns," PI: Sanders; Co-PIs: Douglas and Saiidi, April 1997.
57. Nevada Department of Transportation, \$81,489, "Shake Table Testing of Retrofitted Flared Bridge Columns," PI: Saiidi, Co-PI: Sanders, July 1997.

58. National Science Foundation, \$28,417, "Evaluation of Innovative Configurations for Box Girder Bridges under Lateral Loads," PI: Saiidi, CoPI: Itani, August 1997.
59. National Center for Earthquake Engineering Research, \$2,500, "Travel Grant to Visit China," PI: Saiidi, August 1997.
60. California Department of Transportation, \$402,977, "Shake Table Studies of Two-Column As-Built and Retrofitted RC Bridge Piers with Rectangular Columns," PI: Saiidi, Co-PI's: Sanders, Itani, and Douglas, January 1998.
61. California Department of Transportation, \$452,781, "Shake Table Studies of Seismically Vulnerable RC Box Girder Bridge Bents," PI: Sanders, Co-PI's: Douglas and Saiidi, January 1998.
62. Multi-Disciplinary Center for Earthquake Engineering Research, \$99,978, Buffalo, NY, "Shake Table Testing of Hinge Restrainers," PI: Maragakis, Co-PI: Saiidi, January 1998.
63. California Department of Transportation, \$209,755, "Experimental Studies on the Seismic Response of Hinge Restrainers," PI: Maragakis, Co-PI: Saiidi, January 1998.
64. Nevada Department of Transportation, \$100,226, "Shake Table Studies of Flared Bridge Columns Retrofitted with Fibrous Composites," PI: Saiidi, Co-PIs: Sanders and Gordaninejad, May 1998.
65. National Science Foundation, \$181,707, "Innovative Graphite/Epoxy Sections in Bridge Construction: Monotonic and Fatigue Behavior," PIs: Saiidi and Gordaninejad, June 1998.
66. Nevada Department of Transportation, \$16,187, "Evaluation of Confinement Steel Requirements for RC Bridge Columns and Development of Code Commentary," PI: Saiidi, Co-PI: Wehbe, November 1998.
67. Nevada Department of Transportation, \$10,712, "Review of Seismic Retrofit Design for Bridges at I-80/US-395 Interchange," PI: Saiidi, February 1999.
68. Nevada Department of Transportation, \$178,715, "Creep and Shrinkage Prestress Losses in Nevada Aggregates," PI: Saiidi, Co-PI: Ladkany, UNLV, April 1999.
69. Chinese National Science Foundation, \$30,000, "Substructure Performance under Earthquake Loading," PI: Yang, N. Jiaotong Univ., Beijing; US-Counterpart: Saiidi, April 1999.
70. Nevada Department of Transportation, \$58,483, "Seismic Performance of Bridge Bents with Unretrofitted Footings," PI: Saiidi, July 1999.
71. Nevada Department of Transportation, \$77,298, "Cracking in Newly Placed Concrete Deck Slabs," PI: Sanders, Co-PI: Saiidi, July 1999.
72. John Martin and Associates, \$56,496, "Seismic Evaluation of Steel Joints in UCLA Hospital," PIs: Saiidi and Itani, September 1999.
73. California Department of Transportation, \$283,946, "Shake Table Testing of Flared Columns," PI: Sanders, Co-PI: Saiidi, September 1999.
74. Multi-Disciplinary Center for Earthquake Engineering Research, \$34,955, "Experimental Facilities Network," PI: Maragakis, Co-PI: Saiidi, September 1999.
75. National Science Foundation (through Washington University), \$12,000, "Instructional Shake Table," UNR-PI: Saiidi, October 1999.
76. Federal Highway Administration/Nevada Department of Transportation/Applied Research Initiative, \$55,962, "Seismic Retrofit of Flared Bridge Columns with Fixed Base," PI: Saiidi, January 2000.

77. Ever-Level Foundation System, \$51,394, "Shake Table Testing of A Two-Story Wood Frame on Ever-Level Foundation System," PI: Saiidi, Co-PI's: Itani and Buckle, May 2000.
78. Multi-Disciplinary Center for Earthquake Engineering Research, \$31,963, "Experimental Facilities Network," PI: Maragakis, Co-PI: Saiidi, October 2000.
79. California Department of Transportation, \$283,904, "Shake Table Studies of RC Columns with Interlocking Spirals," PI: Saiidi; Co-PI: Sanders, January 2001.
80. Nevada Department of Transportation, \$450,600 (including \$60,000 cash match and \$37,732 overhead waiver match from UNLV and UNR), "Seismic Evaluation and Retrofit of Las Vegas Downtown Viaduct," PI: Saiidi, Co-PIs: Itani and Ladkany, UNLV, January 2001.
81. National Science Foundation, \$4,683,457, "Development of A Biaxial Multiple Shake Table Research Facility," PI: Buckle, Co-PIs: Saiidi, Maragakis, Sanders, and Itani, January 2001.
82. Slovenian Research Foundation, \$15,000, "Innovative Methods for Seismic Protection of Bridges," PI: Fischinger, University of Ljubljana, Slovenia; US Collaborator: Saiidi, March 2001.
83. Western Alliance to Expand Student Opportunities, \$ 1,378, "Earthquake Engineering of Bridges," Research Experience for A Minority Student, PI: Saiidi, January 2001.
84. Nevada Department of Transportation, \$39,974, "Filling of Structural Tubes in the Galena Arch," PI: Sanders, Co-PI: Saiidi, May 2001.
85. California Department of Transportation, \$46,636, "Effect of Loading History on Shake Table Performance of Bridge Bents with In-fill Wall Retrofit," PI: Saiidi, July 2002.
86. California Department of Transportation, \$42,135, "Experimental Studies on the Seismic Performance of Bridge Restrainers at Intermediate Hinges, Phase II: A Pilot study using Shape Memory Alloy (SMA) Restrainers," PI: Maragakis, Co-PIs Saiidi and DesRoches, July 2002.
87. California Department of Transportation, \$79,792, "Seismic Response of Flared Column Bents," PI: Sanders, Co-PI: Saiidi, July 2002.
88. National Science Foundation- University of Illinois at Urbana-Champaign, \$1,850, "Travel Grant to Attend ANCER Conferences in China and Hong Kong," PI: Saiidi, August 2002.
89. Nevada Department of Transportation/Federal Highway Administration, \$197,526, "Performance, Design, and Detailing of Two-Way Column Hinges," PI: Saiidi, Co-PI: Sanders, January 2003
90. State of Nevada Applied Research Initiative, \$50,000, "Innovative Reinforcement to Reduce Earthquake Damage in Concrete Bridge Column Plastic Hinges," PI: Saiidi, January 2003.
91. Multi-Disciplinary Center for Earthquake Engineering Research, \$2,000, "Travel Grant to Present Seminars in China," PI: Saiidi, March 2003.
92. National Cooperative Highway Research Program IDEA (Innovations Deserving Exploratory Analysis), \$97,685, including \$20,690 match, "Fiber-Reinforced Plastics for Seismic Bridge Restrainers," PI: Saiidi, Co-PI: Maragakis, August 2003.
93. National Science Foundation, \$277,450, "Collaborative Research: Demonstration of NEES for Studying Soil-Foundation-Structure Interaction," PI: Saiidi, Co-PI: Sanders, September 2003.

94. Federal Highway Administration, \$100,000, "Feasibility of Bridge Design for Near-Fault Ground Motions," PI: Saiidi, Co-PI: Anderson, September 2003.
95. Nevada Department of Transportation, \$15,000, "Seismic Retrofit of Bridge Hinges with FRP Restrainers," PI: Saiidi, Co-PI: Maragakis, October 2003.
96. California Department of Transportation, \$59,939, "Seismic Response of Flared Columns with Vertical and Horizontal Gaps," PI: Sanders, Co-PI: Saiidi, April 2004.
97. California Department of Transportation, \$372,955, "Bridge Seismic Analysis Procedure to Address Near-Fault Effects," PI: Saiidi, Co-PI: Somerville, June 2004.
98. National Science Foundation, \$34,995, "US-Turkey Workshop on Seismic Retrofit and Post-Earthquake Evaluation of Highway Bridges," PI: Saiidi, June 2004.
99. National Science Foundation, \$2,000,000, "NEESR-SG- Seismic Performance of Bridge Systems with Conventional and Innovative Design," PI: Saiidi, Co-PIs: El-Gamal, University of California, San Diego; Fenves, University of California, Berkeley; Buckle; Mirmiran, Florida International University, November 2004.
100. National Science Foundation, \$6,000, "REU Supplement for NEESR-SG- Seismic Performance of Bridge Systems with Conventional and Innovative Design," PI: Saiidi, June 2005.
101. National Cooperative Highway Research Program IDEA (Innovations Deserving Exploratory Analysis), \$77,861, "Seismic Response of Bridge Columns With Engineered Cementitious Composites and Shape Memory Alloys in Plastic Hinge Zone," PI: Zadeh, Co-PI: Saiidi, June 2005.
102. National Science Foundation, Experimental Program to Stimulate Competitive Research (EPSCoR) and the State of Nevada, \$1,500,000, "Research Infrastructure for Nevada's Growth- Targeting Research with Uniqueness and Excellence- Focal Area: Undergraduate Research," Focal Area Leader: Saiidi, August 2005.
103. California Department of Transportation, \$265,386, "Development of Improved Column Pin Connection Details and Design Procedures," PI: Saiidi, November 2005.
104. National Science Foundation, \$23,660, "NEES-IT Supplement for NEES Demonstration Project- Collaborative Research: Demonstration of NEES for Studying Soil-Foundation-Structure Interaction," PI: Saiidi, May 2006.
105. National Science Foundation, \$6,000, "REU Supplement for NEESR-SG- Seismic Performance of Bridge Systems with Conventional and Innovative Design," PI: Saiidi, August 2006.
106. California Department of Transportation, \$251,070, "Emergency Repair of Damaged Bridge Columns Using Fiber Reinforced Polymer (FRP) Materials," PI: Saiidi, October 2006.
107. National Science Foundation, \$55,000, "FHWA/NSF Workshop on Future Directions for Long-Term Bridge Performance Monitoring, Assessment, and Management," PI: Saiidi, February 2007.
108. National Science Foundation, \$23,270, "Joint US-Slovenia Study of Simple Modeling of Bridge Seismic Response," PI: Saiidi, May 2007.
109. California Department of Transportation, \$300,000, "Precast Bridge Columns with Energy Dissipating Joints," PI: Saiidi, Co-PI: Sanders, June 2007.
110. Federal Highway Administration, \$195,500, "Seismic Response of Near-Fault Bridges," PI: Saiidi, September 2007.

111. National Science Foundation, \$6,000, “REU Supplement for NEESR-SG- Seismic Performance of Bridge Systems with Conventional and Innovative Design,” PI: Saiidi, November 2007.
112. Federal Highway Administration, \$110,700, “Seismic Response of Near-Fault Bridges,” PI: Saiidi, May 2008.
113. National Science Foundation, Experimental Program to Stimulate Competitive Research (EPSCoR) and the State of Nevada, \$1,500,000, “Nevada Infrastructure for Climate Change Science, Education, and Outreach - Focal Area: Undergraduate Research,” Focal Area Leaders: Saiidi and Farley, August 2008.
114. National Science Foundation, \$6,000, “REU Supplement for NEESR-SG- Seismic Performance of Bridge Systems with Conventional and Innovative Design,” PI: Saiidi, December 2008.
115. National Science Foundation, \$6,000, “REU Supplement for NEESR-SG- Seismic Performance of Bridge Systems with Conventional and Innovative Design,” PI: Saiidi, March 2010.
116. Nevada Department of Transportation, \$198,166, “Unbonded Prestressed Columns for Accelerated Bridge Construction and Earthquake Resistance,” PI: Sanders, Co-PI: Saiidi, May 2010.
117. California Department of Transportation, \$307,815, “Seismic Performance of Next Generation Bridge (NGB) Components for Accelerated Bridge Construction (ABC),” PI: Saiidi, Co-PI: Sanders, November 2010.
118. California Department of Transportation, \$151,952 “Post-Earthquake Bridge Damage Mitigation,” PI: Saiidi, June 2010.
119. Federal Highway Administration, \$116,192, “Seismic Response of Near-Fault Bridges,” PI: Saiidi, November 2010.
120. California Department of Transportation, \$184,706 (including \$57,964 match from the Missouri University of Science and Technology) “Repair of Earthquake-Damaged Bridge Columns with Fractured Bars,” PI: Saiidi, Co-PIs: Sneed, Missouri University of Science and Technology; Belarbi, University of Houston, June 2011.
121. California Department of Transportation, \$300,000, “Time Dependent Deflection of In-Span Hinges of Prestressed Concrete Structures during Construction,” PI: Saiidi, June 2011.
122. California Department of Transportation, \$100,000, “Seismic Performance of Precast Bridge Columns with Grouted Couplers,” PI: Saiidi, July 2011.
123. California Department of Transportation, \$142,316, “Calibration of Probabilistic Damage Control Approach (PDCA) for Seismic Design of Bridges,” PI: Saiidi, July 2011.
124. California Department of Transportation, \$187,883, “Seismic Design of Column-Footing Connections with Pipe-Pin Hinges for Accelerated Bridge Construction,” PI: Saiidi, July 2011.
125. National Science Foundation, \$654,828 (including \$57,707 cost share from UNR), “Sustainable Highway Bridges with Novel Materials and Deconstructible Components,” PI: Saiidi, Co-PI: Read, September 2011.
126. National Science Foundation, \$6,000, “Supplement to Sustainable Highway Bridges with Novel Materials and Deconstructible Components—Research Experience for Undergraduate Students,” PI: Saiidi, Co-PI: Read, May 2012.

127. California Department of Transportation, \$279,539, "Performance of the Column-to-Shaft Pin Connections in Type-II Shafts," PI: Saiidi, July 2012.
128. California Department of Transportation, \$589,963, "Nonlinear Lateral Performance of Skew Abutments," PI: Saiidi, Co-PIs: Siddharthan and Buckle, July 2012.
129. Federal Highway Administration/Washington Department of Transportation, \$260,000, "Seismic Performance of SMA/ECC Columns of SR 99," PI: Saiidi, January 2013.
130. Federal Highway Administration/Washington Department of Transportation, \$93,200, "Shape Memory Alloy Bars – Implementation in Alaska Way Viaduct," PI: Saiidi, November 2013.
131. National Cooperative Highway Research Program, \$250,000, "Seismic Design of Bridge Columns with Improved Energy Dissipating Mechanisms," PI: Saiidi, Co-PIs: Marsh, Murphy, Mirmiran, February 2014.
132. United States Department of Transportation, Year 1: \$537,000 (Including \$176,250 match), "Accelerated Bridge Construction University Transportation Center - Seismic Loads," UNR PI: Saiidi, Co-PI: Itani, March 2014.
133. California Department of Transportation, \$264,575, "Seismic Performance of Bridge Superstructure in Accelerated Bridge Construction," PI: Itani, Co-PI: Saiidi, May 2014.
134. National Cooperative Highway Research Program, \$250,000, "Seismic Design of Bridge Columns with Improved Energy Dissipating Mechanisms," PI: Saiidi, July 2014.
135. Nevada Department of Transportation, \$209,617, "Development of Earthquake-Resistant Precast Pier Systems for Accelerated Bridge Construction in Nevada," PI: Saiidi, Co-PI: Ryan, January 2015.
136. Nevada Department of Transportation, \$115,869, "Toward Successful Implementation of Prefabricated Deck Panels to Accelerate the Bridge Construction Process," PI: Ryan Co-PI: Saiidi, January 2015.
137. California Department of Transportation, \$180,476, "Calibration of Probabilistic Damage Control Approach (PDCA) for Seismic Design of Bridges- Phase II," PI: Saiidi, January 2015.
138. National Science Foundation, \$16,000, "Supplement to Sustainable Highway Bridges with Novel Materials and Deconstructible Components—Research Experience for Undergraduate Students," PI: Saiidi, Non-Co-PI Mentor: Tazarv & Varela, June 2015.
139. United States Department of Transportation, Year 2: \$522,360 (Including \$176,000 match), "Accelerated Bridge Construction University Transportation Center - Seismic Loads," UNR PI: Saiidi, Co-PI: Itani, August 2015.
140. National Cooperative Highway Research Program Project 105, \$450,000, "Proposed AASHTO Seismic Specifications for ABC Column Connections," PI: Saiidi, Co-PIs: Sanders, Itani, and Tazarv, September 2015.
141. National Science Foundation, \$240,000, "PFI: AIR - TT: A Hybrid Metal/Glass Composite System for Multihazard Resilient Bridge Columns," PI: Zaghi (University of Connecticut), Co-PI: Saiidi, Burke, and Bozorgmanesh, September 2015.
142. California Department of Transportation, \$770,295, "Bridge System Research for Accelerated Bridge Construction," PI: Saiidi, Co-PI: Itani, April 2016.
143. California Department of Transportation, \$295,782, "ABC Bridge Column Seismic Anchorage Performance," PIs: Saiidi/Moustafa, April 2017.

144. United States Department of Transportation, Year 3: \$360,000 (Including \$120,000 match), "Accelerated Bridge Construction University Transportation Center - Seismic Loads," UNR PI: Saiidi, Co-PI: Itani, August 2017.
145. Nevada Department of Transportation, \$86,722, "Out-of-Plane Seismic Response of Pocket Connections for Cast in Place and Precast Construction," PI: Saiidi, Co-PI: Moustafa, August 2018.
146. National Cooperative Highway Research Program, Innovations Deserving Exploratory Analysis (IDEA), Project 210, \$130,000, "Cu-Based Superelastic Alloys for Applications in Bridge Columns to Improve Seismic Performance," PI: Gencturk (University of Southern California), Consultant: Saiidi, October 2018.
147. Nevada Department of Transportation, \$217,512, "Column and Footing Pocket Connections for Cast in Place and Precast Construction," PI: Saiidi, Co-PI: Moustafa, November 2018.
148. Nevada Department of Transportation, \$61,296, "Repair and Out-of-Plane Seismic Testing of CIP Pocket Connections," PI: Saiidi, Co-PI: Moustafa, Ebrahimian, March 2020.

Publications

Edited Books and Conference Proceedings

1. Douglas, B. and M. Saiidi, Editors, Second Workshop on Bridge Engineering Research in Progress, Proceedings, Sponsored by the National Science Foundation, Reno, Nevada, October 1990, 311 pp.
2. Saiidi, M., Editor, Cast-in-Place Concrete in Tall Building Design and Construction, Council on Tall Buildings and Urban Habitat, McGraw-Hill Book Co., January 1992, 402 pp.
3. Saiidi, M., Chapter 9, "Connections", in Cast-in-Place Concrete in Tall Building Design and Construction, Council on Tall Buildings and Urban Habitat, McGraw-Hill Book Co., January 1992, pp. 315-326.
4. Saiidi, M., and E. Maragakis, Editors, Natural Hazard Mitigation Grantees Workshop, Proceedings, Sponsored by the National Science Foundation, Lake Tahoe, Nevada, April 1995, 145 pp.
5. Saiidi, M., A.M. Brandt, and T. Cyrul, Editors, Civil Infrastructure Systems for the Next Century: A Global Partnership in Research, Proceedings, Sponsored by the US National Science Foundation and the Polish Academy of Sciences, Cracow, Poland, October 1996, pp. 253.
6. Saiidi, M., H. Ghasemi, and A. Tiras, Second US-Turkey Seismic Design and Retrofit of Highway Bridges, Proceedings, Sponsored by the US National Science Foundation, the Turkish General Directorate of Highways, and the US Federal Highway Administration, Ankara & Istanbul, Turkey, September 2004, pp. 230.
7. Kappos, A., M. Saiidi, M. Aydingolu, and T. Isakovic, Seismic Design and Assessment of Bridges. Inelastic Methods of Analysis and Case Studies, Springer Publishing Company, Geotechnical, Geological, and Earthquake Engineering Series, Vol. 21, New York, USA, April 2012, pp. 221.

Journal and other Fully Refereed Publications

1. Saiidi, M. and M.A. Sozen, "Simple Nonlinear Seismic Analysis of RC Structures," Journal of the Structural Division ASCE, Vol. 107, No. ST5, May 1981, pp. 937-952.
2. Douglas, B., M. Saiidi, G. Holcomb, and R. Hayes, "Field Measurements of Lateral Pressures on Concrete Wall Forms," ACI Concrete International, Design and Construction, November 1981, pp. 56-62.
3. Saiidi, M., "Seismic Study of Imperial County Services Building," Proceedings of the 2nd ASCE-EMD Structural Dynamics Specialty Conference, Atlanta, GA, January 1981, pp. 431-444.
4. Saiidi, M., "Hysteresis Models for Reinforced Concrete," Journal of the Structural Division, ASCE, Vol. 108, No. ST5, May 1982, pp. 1077-1085.
5. Saiidi, M. and K.E. Hodson, "Earthquake Response of Irregular R/C Structures in the Nonlinear Range," Journal of Computers and Structures, Vol. 16, No. 1-4, 1983, pp. 519-529.
6. Saiidi, M., "Microcomputers Show Potential," ACI Concrete International, Design and Construction, Vol. 6, No. 3, March 1984, pp. 31-34.
7. Saiidi, M. and B. Douglas, "Effect of Design Seismic Loads on a Highway Bridge," Journal of Structural Engineering, ASCE, Vol. 110, No. 11, November 1984, pp. 2723-2735.
8. Saiidi, M. and J.D. Hart, "Influence of Concrete and Steel Properties on Calculated Inelastic Seismic Response of R/C Frames," ACI Journal, Vol. 82, No. 2, March-April 1985, pp. 170-179.
9. Hodson, K.E. and M. Saiidi, "Effect of Wall Stiffness and Height on Nonlinear Earthquake Response of R/C Frame-Wall Structures," Advances in Tall Buildings Council on Tall Buildings and Urban Habitat, Van Nostrand Reinhold Company, 1986, pp. 451-460.
10. Saiidi, M. "Constructability of Reinforced Concrete Joints," ACI Publication SCM-14(86), Section VI, San Francisco, California, March 1986, 17 pp.
11. Saiidi, M., J. Hart, and B. Douglas, "A Nonlinear Model for Static and Dynamic Transverse Load Analysis of Reinforced Concrete Highway Bridges," Journal of Computers and Structures, Vol. 26, No. 5, 1987, pp. 831- 840.
12. Saiidi, M., J. Orie, and B. Douglas, "Lateral Load Response of R/C Bridge Columns With a One-Way Pinned End," ACI Structural Journal, Vol. 85, No. 6, November-December 1988, pp. 609-616.
13. Saiidi, M., G. Ghosn, and Y. Jiang, "Five-Spring Element for Biaxially Bent R/C Columns," Journal of Structural Engineering, ASCE, Vol. 115, No. 2, February 1989, pp. 398-416.
14. Maragakis, E., G. Thornton, M. Saiidi, and R. Siddharthan, "A Simple Nonlinear Model for the Investigation of the Impact between the Bridge Deck and the Abutments during Earthquakes," International Journal of Earthquake Engineering and Structural Dynamics, Vol. 18, No. 8, November 1989, pp. 1163-1178.
15. Jiang, Y. and M. Saiidi, "4-Spring Element for Cyclic Response of R/C Columns," Journal of Structural Engineering, ASCE, Vol. 116, No. 4, April 1990, pp. 1018-1029.
16. Saiidi, M., S. Vrontinos, and B. Douglas, "A Model for the Response of R/C Beams Strengthened by Concrete Overlays," ACI Structural Journal, Vol. 87, No. 6, November-December 1990, pp. 687-695.

17. Saiidi, M., D. Orie, D. O'Connor, and P. Ferrari, "Dynamic Stability of a Vending Machine," Forensic Engineering, The International Journal, Vol. 2, No. 4, 1990, pp. 415-423.
18. Saiidi, M., J. Shields, and R. Johnson, "Monitoring Prestress Forces in A Box Girder Bridge," NATO ASI Series E: Applied Sciences - Vol. 187, Kluwer Academic Publishers, April-May 1990, pp. 217-228.
19. Saiidi, M., E. Maragakis, and Y. Jiang, "An Approach to Evaluate the Sufficiency of Highway Bridges for Nuclear Spent Fuel Transportation," 1991 International High-Level Radioactive Waste Management Conference, Las Vegas, Nevada, April-May 1991, pp. 641-646.
20. Saiidi, M. and D. Orie, "Earthquake Design Forces in Regular Highway Bridges," Journal of Computers and Structures, Vol. 44, No. 5, 1992, pp 1047-1054.
21. Douglas, B., M. Blakely, M. Saiidi, E. Maragakis, "The New Bridge Testing Laboratory at the University of Nevada, Reno," ACI Concrete International, Vol. 14, No. 12, December 1992, pp. 61-63.
22. Saiidi, M., "Current Bridge Seismic Retrofit Practice in the United States," ACI Concrete International, Vol. 14, No. 12, December 1992, pp. 64-67.
23. O'Connor, D. and M. Saiidi, "Compatibility of Polyester-Styrene Polymer Overlays with Portland Cement Concrete Bridge Decks," American Concrete Institute, Materials Journal, Vol. 90, No. 1, January-February 1993, pp. 59-68.
24. Maragakis, E., M. Saiidi, and A. Abdel-Ghaffar, "Response of R/C Buildings during the 1987 Whittier Narrows Earthquake," Earthquake Spectra, Journal of Earthquake Engineering Research Institute, Vol. 9, Number 1, February 1993, pp. 67-96.
25. Saiidi, M. and D. Straw, "Monotonic and Cyclic Response of One-Way R/C Bridge Pier Hinges in the Strong Direction," American Concrete Institute, Structural Engineering Journal, Vol. 90, No. 5, September-October 1993, pp. 568-573.
26. O'Connor, D. and M. Saiidi, "Polyester Concrete for Bridge Deck Overlays," ACI Concrete International, Vol. 15, No. 12, December 1993, pp. 36-39.
27. Gordaninejad, F., M. Saiidi, and N. Wehbe, "Behavior of Adhesively Bonded Concrete-Graphite/Epoxy Composite Bridge Girders," Journal of Advanced Materials, Society for the Advancement of Material and Process Engineering, January 1994, pp. 47-53.
28. Saiidi, M., B. Douglas, and S. Feng, "Prestress Force Effect on Vibration Frequency of Concrete Bridges," Journal of Structural Engineering, ASCE, Vol. 120, NO. 7, July 1994, pp. 2233-2241.
29. Saiidi, M., F. Gordaninejad, and N. Wehbe, "Behavior of Graphite/Epoxy Concrete Beams," Journal of Structural Engineering, ASCE, Vol. 120, No. 10, October 1994, pp. 2958-2976.
30. Jiang, Y. and M. Saiidi, "Response and Design of R/C One-Way Bridge Pier Hinges in the Strong Direction," Journal of Structural Engineering, ASCE, Vol. 121, No. 8, August 1995, pp. 1236-1245.
31. Saiidi, M., and E. Maragakis, "Effectiveness of Hinge Restrainers as A Seismic Retrofit Measure," Transportation Research Board, Fourth International Conference on Bridge Engineering, Vol.2, August 1995, pp.71-78.
32. Saiidi, M., E. Maragakis, and D. O'Connor, "Seismic Performance of the Madrone Bridge during the 1989 Loma Prieta Earthquake," (invited paper), Structural Engineering Review Journal, Vol. 7, No. 3, August 1995, pp. 219-230.

33. Saiidi, M. "Guam Earthquake Reconnaissance Report-- Bridges," Earthquake Spectra, Journal of Earthquake Engineering Research Institute, Vol. 11 (Supplement B), April 1995, pp. 45-62.
34. Saiidi, M., E. Maragakis, and S. Feng, "Parameters in Bridge Restrainer Design for Seismic Retrofit," Journal of Structural Engineering, ASCE, Vol. 121, No. 8, January 1996, pp. 61-68.
35. Saiidi, M., J. Shields, D. O'Connor, and Eric Hutchens, "Variation of Prestress Forces in A Prestressed Concrete Bridge during the First 30 Months," PCI Journal, Precast/Prestressed Concrete Institute, Vol. 41, No. 5, September/October 1996, pp. 66-72.
36. Saiidi, M., N. Wehbe, S. Acharya, and D. Sanders, "Confinement of Rectangular Reinforced Concrete Bridge Columns and Pier Walls," Mete A. Sozen Symposium, ACI Special Publication, SP-162, 1996, pp. 93-115.
37. Itani, A., P. Gaspersic, and M. Saiidi, "Response Modification Factors for Seismic Design of Circular Reinforced Concrete Bridge Columns," American Concrete Institute, Structural Journal, Vol. 94, No. 1, January/February 1997, pp. 23-30.
38. Abdel-Ghaffar, S., E. Maragakis, and M. Saiidi, "Effects of the Hinge Restrainers on the Response of the Aptos Creek Bridge during the 1989 Loma Prieta Earthquake," Earthquake Spectra, Journal of Earthquake Engineering Research Institute, Vol. 13, No. 2, May 1997, pp. 167-189.
39. Labia, Y., M. Saiidi, and B. Douglas, "Full-Scale Testing and Analysis of 20-Year Old Pretensioned Concrete Box Girders," American Concrete Institute, Structural Journal, Vol. 94, No. 5, September-October 1997, pp. 471-482.
40. Saiidi, M., E. Maragakis, and D. Sanders, "Evaluation and Seismic Retrofit of Highway Bridge Substructures with Tapered Columns," (invited paper), Journal of Construction and Building Materials, Vol. 12, No. 2-3, March-April 1998, pp. 161-174.
41. Saiidi, M., N. Mangoba, and M. Mayberry, "Variation of Prestress Force in Four Concrete Bridges Subjected to High Range of Humidity," Second International Conference on Concrete under Severe Conditions - Environment and Loading (CONSEC-98), Tromso, Norway, June 1998, pp. 1637-1646.
42. Saiidi, M., E. Hutchens, and D. Gardella, "Bridge Prestress Losses in Dry Climate," Journal of Bridge Engineering, ASCE, Vol. 3, No. 3, August 1998, pp. 111-116.
43. Sanders, D., M. Saiidi, and T. Martin, "Seismic Strengthening of Column-Pier Cap Connections," Transportation Research Records 1529, TRB, Washington, DC, December 1998, pp. 93-100.
44. Wehbe, N., M. Saiidi, and D. Sanders, "Seismic Performance of Rectangular Columns with Moderate Confinement," American Concrete Institute, Structural Journal, Vol. 96, No. 2, March-April 1999, pp. 248-258.
45. Wehbe, N., and M. Saiidi, "Effects of Confined Core on Seismic Vulnerability of Reinforced Concrete Columns with Structural Flares," ACI Special Publication 187, Seismic Response of Concrete Bridges, 1999, pp. 275-298.
46. Saiidi, M., E. Maragakis, and G. Griffin, "Effect of Base Isolation on the Seismic Response of Multi-column Bridges," International Journal of Structural Engineering and Mechanics, Vol. 8, No. 4, October 1999, pp. 411-420.
47. Darwish, I., M. Saiidi, and D. Sanders, "Seismic Retrofit of Hinged and Fixed Bridge Columns with Short Bar Anchorage in Footings," American Concrete Institute, Structural Journal, Vol. 96, No. 6, November-December 1999, pp. 988-996.

48. Saiidi, M., Y. Labia, and B. Douglas, "Repair and Fatigue Performance of A Full-Scale Pretensioned Concrete Box Girder," PCI Journal, Precast/Prestressed Concrete Institute, Vol. 45, No. 2, March-April 2000, pp. 96-105.
49. Abo-Shadi, N., M. Saiidi, and D. Sanders, "Out-of-Plane Seismic Response of R/C Bridge Pier Walls," American Concrete Institute, Structural Journal, Vol. 98, No. 6, November-December 2000, pp 803-813.
50. Saiidi, M., N. Wehbe, D. Sanders, and C. Caywood, "Shear Retrofit of Flared RC Bridge Columns Subjected to Earthquakes," Journal of Bridge Engineering, ASCE, Vol. 6, No. 2, March/April 2001, pp. 189-197.
51. Saiidi, M., D. Sanders, and S. Acharya, "Seismic Retrofit of Spread Footings Supporting Bridge Columns With Short Dowels," Journal of Construction and Building Materials, Vol. 15, No. 4, June 2001, pp. 177-186.
52. Abo-Shadi, N., M. Saiidi, and D. Sanders, "Performance-Based Design of Confinement Reinforcement in Reinforced Concrete Bridge Pier Walls for Out-of-Plane Seismic Loads," American Concrete Institute, Structural Journal, Vol. 99, No. 1, January-February 2001, pp 3-15.
53. Saiidi, M., R. Moore, and A. Itani, "Seismic Performance of Reinforced Concrete Bridges With Un-Conventional Configurations," American Concrete Institute, Structural Journal, September-October 2001, pp. 717-726.
54. Saiidi, M., M. Randall, E. Maragakis, and T. Isakovic, "Seismic Restrainer Design Methods for Simply-Supported Bridges," Journal of Bridge Engineering, ASCE, Vol. 6, No. 5, September/October 2001, pp. 307-315.
55. Vlassis, A., E. Maragakis, and M. Saiidi, "Experimental Evaluation of Seismic Performance of Bridge Restrainers," Transportation Research Records No. 1770, Journal of Transportation Research Board, Design of Structures, December 2001, pp.132_138.
56. Saiidi, M., and J. Mortensen, "A New Performance-Based Design for Spirals in Bridge Columns," Proceedings of the 7th US Conference on Earthquake Engineering, Boston, Massachusetts, July 2002, Paper No. 214, Session 62, DC-5c, 10pp.
57. Sanders, D., H. Nada, and M. Saiidi, "Flared-Column Bents Dynamically Tested on A Shake Table," Proceedings of the 7th US Conference on Earthquake Engineering, Boston, Massachusetts, July 2002, Session 51, ST-12b, 10pp.
58. Gordaninejad, F., M. Saiidi, B. Hansen, E. Ericksen, and F-K Chang, "Magneto-Rheological Fluid Dampers for Control of Bridges," Journal of Intelligent Materials Systems and Structures, Vol. 13, No. 2-3, 2002, pp. 167-180.
59. Saiidi, M., B. Gopalakrishnan, and R. Siddharthan, "Shake Table Studies of Effect of Foundation Flexibility on Seismic Demand in Substandard Reinforced Concrete Bridge Piers," ACI Special Publication Series SP-209, Innovations in Design with Emphasis on Seismic, Wind, and Environmental Loading; Quality Control and Innovations in Materials/Hot-Weather Concreting, December 2002, pp. 553-570.
60. Nada, H., Sanders, D., and M. Saiidi, "Behavior of Flared Column Bents under Seismic Loading," ACI Special Publication Series SP-209, Innovations in Design with Emphasis on Seismic, Wind, and Environmental Loading; Quality Control and Innovations in Materials/Hot-Weather Concreting, December 2002, pp. 133-150.
61. Yang, Q., M. Saiidi, H. Wang, and A. Itani, "Influence of Earthquake Ground Motion Incoherency on Multi-Support Structures," (Invited) Journal of Earthquake Engineering and Engineering Vibration, Vol.1, No. 2, December 2002, pp.167-180.

62. Kavlicoglu, B., M. Saiidi, and F. Gordaninejad, "Fatigue Response of A New Graphite/Epoxy-Concrete Girder," Journal of Composites for Construction, ASCE, Vol. 7, No. 1, February 2003, pp. 50-57.
63. Saiidi, M., and Z. Cheng, "Effectiveness of Composites in Earthquake Damage Repair of RC Flared Columns," Journal of Composites for Construction, ASCE, Vol. 8, No. 4, July/August 2004, pp. 306-314.
64. Saiidi, M., F. Martinovic, B. McElhaney, D. Sanders, and F. Gordaninejad, "Assessment of Steel and FRP Jackets for Seismic Retrofit of RC Columns with Structural Flares," Journal of Structural Engineering, ASCE, Vol. 130, No. 4, April 2004, pp. 609-617.
65. Pulido, C, M. Saiidi, D. Sanders, A. Itani, and S. El-Azazy, "Seismic Performance of Two-Column Bents, Part I – Retrofit with CFRP," American Concrete Institute, ACI Structural Journal, Vol. 101, No. 4, July-August 2004, pp. 558-568.
66. Pulido, C, M. Saiidi, D. Sanders, A. Itani, and S. El-Azazy, "Seismic Performance of Two-Column Bents, Part II – Retrofit with Infill Wall," American Concrete Institute, ACI Structural Journal, Vol. 101, No. 5, September-October 2004, pp. 642-649.
67. Saiidi, M., and N. Mangoba, "Seismic Retrofit of A 16-Span Viaduct in Nevada- from Research to Field Implementation," Transportation Research Records, Journal of Transportation Research Board, Design of Structures, No. 1892, 2004, pp.189-196.
68. Vlassis, A., E. Maragakis, and M. Saiidi, "Experimental Evaluation of Longitudinal Seismic Performance of Bridge Restrainers at In-Span Hinges," Journal of Testing and Evaluation, ASTM, Vol. 32, Issue No. 2, March 2004.
69. Itani, A., Z. Cheng, and M. Saiidi, "Cyclic Response of Steel Moment Connections for Large Beam Sections Using Haunch and Reduced Beam Section Concepts," International Journal of Steel Structures, Vol. 4, October 2004, pp. 147-155.
70. Saiidi, M., K. Sureshkumar, and C. Pulido, "Simple Carbon-Fiber-Reinforced-Plastic-Confined Concrete Model for Moment-Curvature Analysis," Journal of Composites for Construction, ASCE, Vol. 9, No. 1, January-February 2005, pp. 101-104.
71. Kavlicoglu, F. Gordaninejad, B., M. Saiidi, and Y. Jiang "Behavior of A Graphite/Epoxy-Concrete Bridge Girder," Journal of Composites, Part B: Engineering, Elsevier, Vol. 37, Issues 2-3, April 2005, pp. 171-181.
72. Choi, H., S. Fadali, M. Saiidi, and L. Kwon, "Neural Network Active Control of Structures with Earthquake Excitation," International Journal of Control, Automation, and Systems, Vol. 3, No. 2, June 2005, pp. 202-210.
73. Laplace, P., D. Sanders, M. Saiidi, B. Douglas and S. El-Azazy, "Performance of Concrete Bridge Columns under Shake Table Excitation" American Concrete Institute, ACI Structural Journal, Vol. 102, No. 3, May-June 2005, pp. 438-444.
74. Laplace, P., D. Sanders, M. Saiidi, B. Douglas and S. El-Azazy, "Retrofitted Concrete Bridge Columns under Shake Table Excitation", American Concrete Institute, ACI Structural Journal, Vol. 102, No. 4, July-August 2005, pp. 622-628.
75. Johnson, N., M. Saiidi, A. Itani, and S. Ladkany, "Seismic Retrofit of Octagonal Columns with Pedestal and One-Way Hinge at the Base," American Concrete Institute, ACI Structural Journal, Vol. 102, No. 5, September-October 2005, pp. 699-708.
76. Johnson, N., Ranf, R., Saiidi, M., Sanders, D., and M. Eberhard, "Shake Table Studies of a Two-Span Reinforced Concrete Bridge," Eighth US National Conference on Earthquake Engineering, Paper No. 1437, San Francisco, California, April 2006.

77. Saiidi, M., and V. Phan, "An Exploratory Experimental and Analytical Study of Near-Fault Ground Motion Effects on Reinforced Concrete Bridge Columns," Eighth US National Conference on Earthquake Engineering, Paper No. 377, San Francisco, California, April 2006.
78. Saiidi, M., and H. Wang, "Innovative Materials for Bridge Seismic Design," Reviewed Invited Paper, Proceedings, Earthquake Resistant Engineering Structures 5, International Conference, Skiathos, Greece, May 2005, pp. 463-472.
79. Saiidi, M., and H. Wang, "An Exploratory Study of Seismic Response of Concrete Columns with Shape Memory Alloys Reinforcement," American Concrete Institute, ACI Structural Journal, Vol. 103, No. 3, May-June 2006, pp. 436-443.
80. Saiidi, M., M. Zadeh, and M. O'Brien, "Control of Earthquake Damage in Concrete Bridge Columns Using Innovative Materials," Proceedings, 2006 Concrete Bridge Conference, National Meeting, Reno, Nevada, Paper No. 81, May 2006.
81. Saiidi, M., R. Johnson, and E. Maragakis, "Development, Shake Table Testing, and Design of FRP Seismic Restrainers," Journal of Bridge Engineering, ASCE, July/August 2006, Vol. 11, No. 4, pp.499-506.
82. Saiidi, M., R. Johnson, and E. Maragakis, "An Exploratory Study of FRP Seismic Restrainers Subjected to Dynamic Loads," ACI Special Publication Series SP-230, 7th International Symposium on Fiber Reinforced Polymer Reinforcement for Reinforced Concrete Structures, Kansas City, Missouri, 2005, pp. 57-76.
83. Zhu, Z., A. Mirmiran, and M. Saiidi, "Seismic Performance of Fiber Composite Tube Reinforced Concrete Bridge Substructure," Transportation Research Records, Journal of Transportation Research Board, Design of Structures, No. 1976, 2006, pp.197-206.
84. Saiidi, M., and A. Bush, "Ultimate and Fatigue Response of Shear-Dominated Full-Scale Pretensioned Concrete Box Girders," Structural Engineering and Mechanics, an International Journal, Vol. 23, No. 4, July 2006, pp. 353-368.
85. Correal, J., M. Saiidi, D. Sanders, S. El-Azazy, "Analytical Evaluation of Bridge Columns with Double Interlocking Spirals," American Concrete Institute, ACI Structural Journal, Vol. 104, No. 3, May-June 2007, pp. 314-323.
86. Saiidi, M., M. Zadeh, C. Ayoub, and A. Itani, "A Pilot Study of Behavior of Concrete Beams Reinforced with Shape Memory Alloys," Journal of Materials in Civil Engineering, ASCE, Vol. 19, No. 6, June 2007, pp. 454-461.
87. Phan, V., M. Saiidi, J. Anderson, and H. Ghasemi, "Near Fault Ground Motion Effect on Reinforced Concrete Bridge Columns," Journal of Structural Engineering, ASCE, Vol. 133, No. 7, July 2007, pp. 982-989.
88. Saiidi, M., R. Johnson, and E. Maragakis, "Strain Rate Effects on Strength of Unidirectional FRP Fabrics and Bond to Concrete," Proceedings, Third International Conference on FRP Composites in Civil Engineering (CICE 2006), Miami, Florida, December 2006.
89. Johnson, N., M. Saiidi, and D. Sanders, "Performance of a Large Scale Two-Span Bridge Model under Design Earthquake Motions," ASCE, Structural Engineering Institute, Structures Congress 2007 Proceedings, San Diego, California, May 2007.
90. Correal, J., M. Saiidi, D. Sanders, S. El-Azazy, "Shake Table Studies of Bridge Columns with Double Interlocking Spirals," American Concrete Institute, ACI Structural Journal, Vol. 104, No. 4, July-August 2007, pp. 393-401.

91. Johnson, N., T. Ranf, M. Saiidi, D. Sanders, and M. Eberhard, "Seismic Testing of A Two-Span Reinforced Concrete Bridge," Journal of Bridge Engineering, ASCE, Vol. 13, No. 2, March-April 2008, pp. 173-182.
92. Johnson, R., J. Padgett, E. Maragakis, R. DesRoches, and M. Saiidi, "Large Scale Testing of Nitinol Shape Memory Alloy Devices for Retrofitting of Bridges," Journal of Smart Materials and Structures, Vol. 17, Issue 3, June 2008, 10 pp.
93. Johnson, N., M. Saiidi, and D. Sanders, "System Vs. Component Response of a Two-Span Reinforced Concrete Bridge System," (Invited Paper), Bulletin of Earthquake Engineering, Official Journal of the European Association for Earthquake Engineering, Journal Number 10518, Springer, Netherlands, May 2009, Vol. 7, No. 2, pp.503-517.
94. Saiidi, M., M. O'Brien, and M. Zadeh, "Cyclic Response of Concrete Bridge Columns Using Superelastic Nitinol and Bendable Concrete," American Concrete Institute, ACI Structural Journal, Vol. 106, No. 1, January-February 2009, pp. 69-77.
95. Saiidi, M., Z. Cheng, and D. Sanders, "An Experimental Study of Two-Way Reinforced Concrete Column Hinges under Seismic Load," American Concrete Institute, ACI Structural Journal, Vol. 106, No. 3, May-June 2009, pp. 340-348.
96. Johnson, N., M. Saiidi, and D. Sanders, "Nonlinear Earthquake Response Modeling of a Large-Scale Two-Span Concrete Bridge," Journal of Bridge Engineering, ASCE, Vol. 14, No. 6, November 2009, pp. 460-471.
97. Saiidi, M., E. Reinhardt, F. Gordaninejad, "A New Earthquake-Resistant Concrete Pier w/ FRP Fabrics and Shifted Plastic Hinges," (Invited Paper), Journal of Mechanics of Materials and Structures, Vol. 4, No. 5, 2009, pp. 927-940.
98. Choi, H., M. Saiidi, P. Somerville, and S. El-Azazy, "An Experimental Study of RC Bridge Columns Subjected to Near-Fault Ground Motions," American Concrete Institute, ACI Structural Journal, Vol. 107, No. 1, January-February 2010, pp. 3-12.
99. Saiidi, M., C. Cruz, and D. Hillis, "Multi Shake Table Seismic Studies of a 33-Meter Concrete Bridge with High-Performance Materials," Invited, International Journal of Civil Engineering, Vol. 8, No. 1, March 2010, pp. 13-19.
100. Vosooghi, A., and M. Saiidi, "Seismic Damage States and Performance Parameters for Bridge Columns," ACI Special Publication Series SP-271, Structural Concrete in Performance-Based Seismic Design of Bridges, May 2010, pp. 29-46.
101. Cheng, Z., M. Saiidi, and D. Sanders, "A Seismic Design Method for Reinforced Concrete Two-Way Column Hinges," American Concrete Institute, ACI Structural Journal, Vol. 107, No. 5, September-October 2010, pp. 572-579.
102. Motaref, S., M. Saiidi, and D. Sanders, "An Experimental Study of Precast Bridge Columns with Built-In Elastomers," Transportation Research Records, Journal of Transportation Research Board, No. 2202, TRB, Washington, DC, 2010, pp. 109-116.
103. Zaghi, A., and M. Saiidi, "Seismic Performance of Pipe-Pin Two-Way Hinges in Concrete Bridge Columns," Journal of Earthquake Engineering, Vol. 14, No. 8, December 2010, pp. 1253-1302.
104. Moustafa, K.F., D. Sanders, M. Saiidi and S. El-Azazy, "Seismic Performance of Reinforced Concrete Bridge Bents," American Concrete Institute, ACI Structural Journal, Vol. 108, No. 1, January-February 2011, pp. 23-33.
105. Brown, A., and M. Saiidi, "Investigation of Near-Fault Earthquake Motion Effects on Substandard Bridge Structures," Journal of Earthquake Engineering and Engineering Vibration, Vol. 10, No. 1, March 2011, pp. 1-12.

106. Zaghi, A., and M. Saiidi, "Bearing and Shear Failure of Pipe-Pin Hinges Subjected to Earthquakes," Journal of Bridge Engineering, ASCE, Vol. 16, No. 3, May/June 2011, pp. 340-350.
107. Saiidi, M., "Managing Seismic Performance of Highway Bridges- Evolution in Experimental Research," Journal of Structure and Infrastructure Engineering, Maintenance, Management, Life-Cycle Design, and Performance, Invited, Vol. 7, No. 7-8, July-August 2011, pp. 569-586.
108. Zaghi, A., M. Saiidi, and S. El-Azazy, "Shake Table Studies of a Concrete Bridge Pier Utilizing Pipe-Pin Two-Way Hinges," Journal of Bridge Engineering, ASCE, Vol. 16, No. 5, September/October 2011, pp 587-596.
109. Vosooghi, A., and M. Saiidi, "Experimental Fragility Curves For Seismic Response of Bridge Columns," American Concrete Institute, ACI Structural Journal, V. 109, No. 6, November-December 2012, pp. 825-834.
110. Cruz, C., and M. Saiidi, "Shake Table Studies of a 4-Span Bridge Model with Advanced Materials," Journal of Structural Engineering, ASCE, Vol. 138, No. 2, February 2012, pp. 183-192.
111. Zaghi, A., M. Saiidi, and A. Mirmiran, "Shake Table Response of a Concrete-Filled FRP Tube Bridge Column," Composite Structures, Elsevier, Vol. 94, Issue 5, April 2012, pp 1564-1574.
112. Vosooghi, A., and M. Saiidi, "Shake Table Studies of Repaired RC Bridge Columns Using CFRP Fabrics," American Concrete Institute, ACI Structural Journal, V. 110, No. 1, January-February 2013, pp. 105-114.
113. Saiidi, M., and Seyed S. Ardakani, "An Analytical Study of Residual Displacements in RC Bridge Columns Subjected to Near-Fault Earthquakes," Journal of Bridge Structures, NY, Vol. 8, 2012, pp.35-45.
114. Cruz, C., and M. Saiidi, "Performance of Advanced Materials during Shake Table Tests of a 4-Span Bridge Model," Journal of Structural Engineering, ASCE, Vol. 139, No. 1, January 2013, pp. 144-154.
115. Saiidi, M., A. Vosooghi, and R. Nelson, "Shake Table Studies of A Four-Span Reinforced Concrete Bridge," Journal of Structural Engineering, ASCE, Special Issue: NEES 2: Advances in Earthquake Engineering, Vol. 139, No. 8, August 2013, pp. 1352-1361.
116. Vosooghi, A., and M. Saiidi, "Design Guidelines for Rapid Repair of Earthquake-Damaged Circular RC Bridge Columns Using CFRP," Journal of Bridge Engineering, ASCE, Vol. 18, No. 9, September 2013, pp. 827-836.
117. Motaref, S., M. Saiidi, and D. Sanders, "Shake Table Studies of Energy Dissipating Segmental Bridge Columns," Journal of Bridge Engineering, ASCE, Vol. 19, No. 2, February 2014, pp186-199.
118. Haber, Z., M. Saiidi, and D. Sanders, "Seismic Performance of Precast Columns with Mechanically Spliced Column-Footing Connections," American Concrete Institute, ACI Structural Journal, Vol. 111, No. 3, May-June 2014, pp. 639-650.
119. Saiidi, M., A. Vosooghi, C. Cruz, S. Motaref, C. Ayoub, F. Kavianipour, and M. O'Brien, "Earthquake-Resistant Bridges of the Future with Advanced Materials," Performance-Based Seismic Engineering- Vision for an Earthquake Resilient Society, Bled 4, Lake Bled, Slovenia, Springer 2013, pp. 63-76.
120. Tobias, D., A. Bardow, W. Dekelbab, J. Kapur, M. Keever, M. Saiidi, J. Sletten, and W. Yen, "Multi-Hazard Extreme Event Design for Accelerated Bridge Construction," Journal

- of Practice Periodical on Structural Design and Construction, ASCE. Vol. 19, Issue 2, May 2014.
121. Garcia, R., I. Hajirasouliha, M. Guadagnini, Y. Helal, Y. Jemaa, K. Pilakoutas, P. Mongabure, C. Chrysostomou, N. Kyriakides, A. Ilki, M. Budescu, N. Taranu, M. Ciupala, L. Torres, and M. Saiidi, "Full-scale shaking table tests on a substandard RC building repaired and strengthened with Post-Tensioned Metal Straps," Journal of Earthquake Engineering, Vol. 18, No. 2, 2014, pp. 187-213.
 122. Tazarv, M., and Saiidi, M., "Reinforcing NiTi Superelastic SMA for Concrete Structures," Journal of Structural Engineering, ASCE Vol. 141, No. 8, September 2014.
 123. Tazarv, M., and Saiidi, M., "Analytical Studies of the Seismic Performance of a Full-Scale SMA-Reinforced Bridge Column," (Invited Paper), International Journal of Bridge Engineering Vol. 1, No. 1, 2013, published online: January 2014, pp. 37-50.
 124. Saiidi, M., A. Vosooghi, H. Choi, and P. Somerville, "Shake Table Studies and Analysis of a Two-Span RC Bridge Subjected to Fault Rupture," Journal of Bridge Engineering, ASCE, Vol. 19, No. 8, August 2014, pp. A4014003-1 to 9.
 125. Tazarv, M., and M. Saiidi, "UHPC-Filled Duct Connections for Accelerated Bridge Construction of RC Columns in High Seismic Zones," Journal of Engineering Structures, Vol. 99, pp. 413-422, 2015.
 126. Varela, S., and Saiidi, M., "Dynamic Performance of Innovative Bridge Columns with Superelastic CuAlMn Shape Memory Alloy and ECC," International Journal of Bridge Engineering Vol. 2, No. 3, 2014, pp. 29-58.
 127. Tazarv, M. and Saiidi, M., "Low-Damage Precast Columns for Accelerated Bridge Construction in High Seismic Zones", Journal of Bridge Engineering, ASCE, September 2015, 13pp.
 128. Shrestha, K., M. Saiidi, and C. Cruz, "Advanced Materials for Control of Post-Earthquake Damage in Bridges," Journal of Smart Materials and Structures, Vol. 24, No. 2, 025035, January 2015.
 129. Yang, Y., L. Sneed, A. Morgan, M. Saiidi, and A. Belarbi, "Repair of RC Bridge Columns with Interlocking Spirals and Fractured Longitudinal Bars - An Experimental Study," Journal of Construction and Building Materials, Vol. 78, January 2015, pp. 405-420.
 130. Haber, Z., M. Saiidi, and D. Sanders, "Behavior and Modeling of Mechanical Reinforcing Bar Splices," American Concrete Institute, ACI Structural Journal, Vol. 112, No. 2, March-April 2015, pp. 179-188.
 131. Yang, Y., L. Sneed, M. Saiidi, A. Belarbi, and M. Ehsani "Emergency Repair of an RC Bridge Columns with Fractured Bars using Externally Bonded Prefabricated Thin CFRP Laminates and CFRP Strips," Journal of Composite Structures, Elsevier, Vol. 133, December 2015, pp. 727-738.
 132. Saiidi, M., M. Tazarv, B. Nakashoji, S. Varela, and F. Kavianipour, "Resilient and Sustainable Bridges of the Future," (Invited Paper), International Journal of Bridge Engineering, Vol. 3, No. 2, 2015, published online: September 2015, pp. 37-48.
 133. Mehrsoroush, A., and M. Saiidi, "Cyclic Response of Precast Bridge Piers with Novel Column Base Pipe Pins and Pocket Connections," Journal of Bridge Engineering, ASCE, Vol 21, No. 4, April 2016.
 134. Varela, S., and M. Saiidi, "A Bridge Column with Superelastic Niti SMA and Replaceable Rubber Hinge for Earthquake Damage Mitigation," Journal of Smart Materials and Structures, Published Online, May 2016.

135. Tazarv, M., and M. Saiidi, "Seismic Design of Bridge Columns Incorporating Mechanical Bar Splices in Plastic Hinge Regions," Journal of Engineering Structures, Vol 124, July 2016, PP. 507-520.
136. Akl, A., and M. Saiidi, "Time-Dependent Analysis of Post-Tensioned Bridge Hinge Curl," ASCE, Journal of Bridge Engineering, Paper No. 04016111, September 2016.
137. Motaref, S., M. Saiidi, D. Sanders, and A. Mirmiran, "Shake Table Studies of a Precast Bridge Pier with Advanced Materials," International Journal of Bridge Engineering, Invited Paper, Special Issue, Special Problems in Bridge Engineering, Vol. 4, No. 3, 2016, pp. 135-162.
138. Tazarv, M. and M. Saiidi, "Design and Construction of UHPC-Filled Duct Connections for Precast Bridge Columns in High Seismic Zones," Journal of Structure and Infrastructure Engineering, Maintenance, Management, Life-Cycle Design, and Performance, Published online June 2016, Vol. 13 No. 6 , March 2017, pp. 743-753.
139. Varela, S., and M. Saiidi, "Resilient Deconstructible Columns for Accelerated Bridge Construction in Seismically Active Areas," Journal of Intelligent Material Systems and Structures, Vol 28(13), 2017, pp. 1751-1774.
140. Varela, S., and M. Saiidi, "Experimental Study of Seismically Resilient 2-Span Bridge Models Designed for Disassembly," Journal of Earthquake Engineering, Published online, September 2017, 41 pp.
141. Akl, A., M. Saiidi, and A. Vosooghi, "Deflection of In-Span Hinges in Prestressed Concrete Box Girder Bridges during Construction," Journal of Engineering Structures, ASCE, Vol. 131, January 2017, pp. 293-310.
142. Jones, J., K. Ryan, and M. Saiidi, "Full-Depth and Partial-Depth Bridge Deck Panels- Current Design and Construction Practices in the United States," ACI Concrete International, Vol. 39, No. 8, August 2017, pp. 37-43.
143. Mohebbi, A., M. Saiidi, and A. Itani, "Seismic Design of Precast Piers with Pocket Connections, CFRP Tendons, and ECC/UHPC Columns," International Journal of Bridge Engineering, Special Issue: Experimental and Analytical Investigations with Emerging Bridge Design Methods, October 2017, pp. 99-123.
144. Mohebbi, A., M. Saiidi, and A. Itani, "Shake Table Studies and Analysis of a PT/UHPC Bridge Column with Pocket Connection," Journal of Structural Engineering, ASCE, Vol. 144, No. 4, April 2018.
145. Baker, T., M. Saiidi, B. Nakashoji, J. Bingle, T. Moore, and B. Khaleghi, "Precast Spliced Girder Bridge in Washington State using Superelastic Materials in Bridge Columns to Improve Seismic Resiliency - From Research to Practice," PCI Journal, Precast/Prestressed Concrete Institute, January-February 2018, pp. 57-71.
146. Mohebbi, A., M. Saiidi, and A. Itani, "Shake Table Studies and Analysis of a Precast Two-Column Bent with Advanced Materials and Pocket Connections," Journal of Bridge Engineering, ASCE, Published Online, May 2018, Vol. 23, No. 7, July 2018.
147. Ge, J, M. Saiidi, and S. Varela, "Seismic Response of SR99 Bridge with SMA/ECC Plastic Hinges," Journal of Frontiers of Structural and Civil Engineering, 2018, <https://doi.org/10.1007/s11709-018-0482-6>.
148. Kise, S., A. Mohebbi, M. Saiidi, T. Otori, R. Kainuma, K. Shrestha, and Y. Araki, "Mechanical Splicing of Superelastic Cu-Al-Mn Bars with Headed Ends," Journal of Smart Materials and Structures, Vol. 27, No. 6, May 2018.

149. Ardakani, S., and M. Saiidi, "Simple Method to Estimate Residual Displacement in Concrete Bridge Columns under Near-Fault Earthquake Motions," Journal of Engineering Structures, Vol. 176, August 2018, pp. 208-219.
150. Ge, J., and M. Saiidi, "Seismic Response of the Three-Span Bridge with Innovative Materials Including Fault Rupture Effect," Journal of Shock and Vibration, Vol. 2018, Article ID 4276167, 18 pages, July 2018.
151. Mehraein, M., and M. Saiidi, "Seismic Performance and Design of Bridge Column-to-Pile-Shaft Pipe-Pin Connections in Precast and Cast-in-Place Bridges," Earthquake Engineering and Structural Dynamics, Published Online, August 2019, Vol. 48, Issue 13, October 2019, pp. 1471-1490.
152. Shoushtari, E., M. Saiidi, A. Itani, and M. Moustafa, "Design, Construction, and Shake Table Testing of a Steel Girder Bridge System with ABC Connections," Journal of Bridge Engineering, ASCE, Special Issue: Accelerated Bridge Construction, Vol. 24, No. 9, September 2019.
153. Shoushtari, E., M. Saiidi, A. Itani, and M. Moustafa, "Pretest Analysis of Shake Table Response of a Two-Span Steel Girder Bridge Incorporating ABC Connections," Chinese Academy of Engineering, Journal of Frontiers of Structural and Civil Engineering, Special Issue: High Performance Structures–Building Structures and Materials, Vol. 14, 2020, pp. 169-184.
154. Hoon Yoon, Y., S. Ataya, M. Mahan, A. Malek, M. Saiidi, and T. Zokaie, "Probabilistic Damage Control Application (PDCA) - Implementation of Performance Based Earthquake Engineering in Seismic Design of Highway Bridge Columns," Journal of Bridge Engineering, ASCE, Published Online May 2019; July 2019.
155. Shoushtari, E., M. Saiidi, A. Itani, and M. Moustafa, "Seismic Performance of A Two-Span Steel Girder Bridge with ABC Connections," Journal of Engineering Structures, Submitted.
156. Jia, J., K. Zhang, M. Saiidi, Y. Guo, S. Wu, K. Bi, and X. Du, "Seismic Evaluation of Precast Bridge Columns with Built-in Elastomeric Pads," Journal Soil Dynamics and Earthquake Engineering, Published online, September 2019, Vol. 128, 105868, January 2020.
157. Shoushtari, E., M. Saiidi, A. Itani, and M. Moustafa, "Analytical Studies and Design of Steel Plate Girder ABC Bridges under Seismic Loads," Journal of Engineering Structures, Submitted.
158. Mehrsoroush, A., and M. Saiidi, "Experimental and Analytical Studies of Base Pipe Pin Connections under Direct Tension," Journal of Engineering Structures, Published online, June 2019, Vol. 195, September, 2019, pp. 210-222.
159. Mehrsoroush, A., and M. Saiidi, "Analytical Studies of a Novel Bridge Column-Footing Pipe Pin Connection under Lateral Loading," Journal of Bridge Engineering, ASCE, Submitted, August 2019.
160. Yang, Y., R. He, L. Sneed, M. Saiidi, and A. Belarbi, "Truss Modeling of As-Built and CFRP-Repaired RC Bridge Columns Subjected to Combined Cyclic Lateral Loading and Torsion," Journal of Engineering Structures, Elsevier, Published online, September 2019, Vol. 200, 109664, December 2019.
161. Hain, A., A. Zaghi, and M. Saiidi, "Flexural Behavior of Hybrid Concrete-Filled Fiber Reinforced Polymer Tube Columns," Journal of Composite Structures, Paper No 111540, Vol. 230, December 2019.

162. Tazarv, M. and M. Saiidi, "Analysis and Design of NiTi Superelastic SMA-Reinforced ECC Bridge Columns," *ACI Structural Journal*, Special Issue, SP-341-6, pp. 105-130, 2019.
163. Mehrsoroush, A., and M. Saiidi, "Shake Table Studies of a Precast Pier System Utilizing Novel Connections for Accelerated Bridge Construction," *Journal of Structural Engineering*, ASCE, Submitted, November 2019.
164. Benjumea, J., M. Saiidi, and A. Itani, "Seismic Performance Analysis and Assessment of a Precast Bridge Computational Model," *DYNA Journal*, National University of Columbia, V. 87 n 212, January-March 2020, pp. 80-89.
165. Jones, J., E. Shoushtari, M. Saiidi, and A. Itani, "Comparison of Seismic Performance of Socket and Pocket Connections for RC Bridge Column Base Hinges," *Transportation Research Records*, *Journal of Transportation Research Board*, TRB, Washington, DC, 2020, Accepted.
166. Tazarv, M., G. Shrestha, and M. Saiidi, "State-of-the-Art Review of Grouted Duct Connections for Precast Bridge Columns," *Journal of Structural Engineering*, ASCE, Submitted, August 2020.

Discussions

1. Saiidi, M., Discussion on "Response of RC Shear Wall under Ground Motions," *Journal of the Structural Division*, ASCE, Vol. 107, No. ST10, October 1981, pp. 2050-2052.
2. Saiidi, M., Discussion on "Seismic Response of Reinforced Concrete Frames," *Journal of the Structural Division*, ASCE, Vol. 108, No. ST2, February 1982, pp. 507-509.
3. Saiidi, M., Discussion on "Cause of the Condominium Collapse in Cocoa Beach, Florida," *ACI Concrete International*, June 1983, p. 59.
4. Saiidi, M., Discussion on "Modeling of R/C Joints under Cyclic Excitations," *Journal of Structural Engineering*, ASCE, December 1984, pp. 3068-3070.
5. Wehbe, N. and M. Saiidi, Discussion on "Performance of Existing Bridge Columns under Cyclic Loading- Part 2: Analysis and Comparison with Theory," *American Concrete Institute, Structural Journal*, November-December 1999, p. 1059.
6. Tazarv, M., and M. Saiidi, Discussion on "Simulating Maximum and Residual Displacements of RC Structures: I- Accuracy," *EERI Earthquake Spectra*, Vol. 29, No. 2, May 2013, pp. 675-677.

Book Review

1. Saiidi, M., Book Review on *Structural Analysis on Microcomputers*, by C.-K.-Wang, *International Journal of Microcomputers in Civil Engineering*, Vol. 1, No. 2, October 1986, pp. 177-178.

Conference Proceedings

1. Saiidi, M. and M.A. Sozen, "A Naive Model for Nonlinear Response of Reinforced Concrete Buildings," *Proceedings of the Seventh World Conference in Earthquake Engineering*, Istanbul, Turkey, September 1980, Vol. 7, pp. 8-14.

2. Saiidi, M., "Influence of Hysteresis Models on Calculated Seismic Response of Reinforced Concrete Structures," Proceedings of the Seventh World Conference in Earthquake Engineering, Istanbul, Turkey, September 1980, Vol. 5, pp. 423-430.S
3. Saiidi, M. "A Simple Model for Nonlinear Seismic Analysis of Reinforced Concrete Structures," Proceedings of the First International Conference on Recent Advances in Structural Dynamics, Southampton, England, July 1980, Vol. 2, pp. 579-586.
4. Saiidi, M., "Research in Progress Report," Proceedings of the Sixth Universities Council for Earthquake Engineering Research Conference, Urbana, IL, May 1980, pp. 242-243.
5. Saiidi, M. and K.E. Hodson, "Earthquake Behavior of Reinforced Concrete Frame-Wall Structures," Proceedings of the Seventh European Conference on Earthquake Engineering, Greece, 1982.
6. Wong, S. and M. Saiidi, "In-Plane Seismic Characteristics Evaluation of Shear Walls with Openings," Proceedings of the Seventh European Conference on Earthquake Engineering, Greece, Vol. 4, 1982, pp. 41-48.
7. Douglas, B., M. Saiidi, and S. Wong, "Evaluation of Concrete Wall Form Pressures," Proceedings, International Conference on Forming Economical Concrete Building, Chicago, November 1982, pp. 20-1:15.
8. Douglas, B., M. Saiidi, and J.A. Richardson, "Dynamic Response of Highway Bridges," U.S.-China Workshop, Harbin, People's Republic of China, August 1982.
9. Douglas, B., M. Saiidi, J. Richardson, and J. Hart, "Results from High-Amplitude Dynamic Tests and Implications for Seismic Design," Proceedings of the Fifteenth Joint Meeting of U.S.-Japan Panel on Wind and Seismic Effects, UJNR, May 1983, pp. 367-388.
10. Saiidi, M. and J.D. Hart, "Nonlinear Seismic Response of Short Reinforced Concrete Highway Bridges," Proceedings of the Eighth World Conference on Earthquake Engineering, San Francisco, California, July 1984, Vol. V, pp. 191-198.
11. Saiidi, M., J.D. Hart, and B. Douglas, "Inelastic Analysis of Short Highway Bridges Subjected to Strong Ground Motions," The Second International Conference on Recent Advances in Structural Dynamics, Southampton, England, April 1984, Conference Proceedings, pp. 599-609.
12. Saiidi, M., "Application of Microcomputers in Earthquake Design of Reinforced Concrete Buildings," Proceedings of the First National Conference on Microcomputers in Civil Engineering, Orlando, Florida, November 1983, pp. 143-147.
13. Lawver, R. and M. Saiidi, "Inelastic Static Analysis of Laterally-Loaded Bridges on a Low-Cost Microcomputer," Proceedings of the Second National Conference on Microcomputers in Civil Engineering, Orlando, Florida, November 1984, pp. 267-272.
14. Robarts, P. and M. Saiidi, "Artificial Intelligence for Design of R/C Beams Using an IBM-PC; A Preliminary Study," Proceedings of the Second National Conference on Microcomputers in Civil Engineering, Orlando, Florida, November 1984, pp. 29-34.
15. Saiidi, M. and E. Maragakis, "An Evaluation of Equivalent Linear Models for Modal Analysis of Nonlinear Systems Subjected to Earthquakes," Proceedings of the Fourth International Modal Analysis Conference, Vol. I, Los Angeles, February 1986, pp. 137-142.
16. Buckle, I., B. Douglas, M. Saiidi, J. Richardson, and J. Butterworth, "Field Tests of a Curved Box Girder Bridge Using Simulated Earthquake Loads," Proceedings of the 8th European Conference on Earthquake Engineering, Vol. 7.3, Lisbon, Portugal, September 1986, pp. 1-8.

17. Saiidi, M., D. Orie, and B. Douglas, "A Microcomputer CAD System for Seismic Design of Regular Highway Bridges," Proceedings of 9th Conference on Electronic Computation, Birmingham, Alabama, February 1986, pp. 180-191.
18. Ghusn, G. and M. Saiidi, "A Hysteresis Model for Biaxial Bending of Reinforced Concrete Columns," Proceedings of the 3rd U.S. National Conference on Earthquake Engineering, Charleston, South Carolina, August 1986.
19. Saiidi, M., "Connections," Cast-in-place concrete, Workshop Proceedings, Third International Conference on Tall Buildings, Council on Tall Buildings and Urban Habitat Report M364, January 1986, pp. 299-325.
20. Saiidi, M., D. Orie, and B. Douglas, "Three-Dimensional Seismic Analysis of Bridges on a Microcomputer," Structural Engineering and Microcomputers, ASCE Convention, Atlantic City, April 1987.
21. Saiidi, M., G. Ghusn, and Y. Jiang, "Simple Modeling of Biaxial Bending Response Under Earthquake Loads," Pacific Conference on Earthquake Engineering, Wairakei, New Zealand, Vol. 1, August 1987, pp. 121-128.
22. Saiidi, M., J. Orie, and B. Douglas, "Tests on R/C Pinned Bridge Columns Subjected to Combined Shear and Flexure," Third Conference on Safety of Bridge Structures, Wroclaw, Poland, September 1987, pp. 325-330.
23. Saiidi, M., J. Orie, and B. Douglas, "The Behavior of R/C Pinned Bridge Columns Under Lateral Loading," Dynamics of Structures, Proceedings of Structures Congress, Orlando, Florida, August 1987, pp. 66-76.
24. Saiidi, M. and P. Ferrari, "Cracking of a Tilt-Up Structure due to Dynamic Loads," Proceedings of Structures Congress, Orlando, Florida, August 1987.
25. Douglas, B., M. Saiidi, G. Norris, and E. Maragakis, "Bridge Research at the University of Nevada, Reno," U.S. - Japan Workshop on Performance and Strengthening of Bridge Structures, Tsukuba, Japan, May 1987.
26. Buckle, I., B. Douglas, M. Saiidi, J. Richardson, and J. Butterworth, "Field Tests of Ramp B, Dominion Road Interchange Using Simulated Earthquake Loads," Pacific Conference on Earthquake Engineering, Wairakei, New Zealand, August 1987.
27. Saiidi, M., "Response of One-Way Hinged Piers Under Lateral Loads," Proceedings, the U.S.-Japan Workshop on Highway Bridges, San Diego, California, May 1988.
28. Saiidi, M., D. Bergman, and D. Straw, "Scaled Model Testing of Bridge Hinged Piers Subjected to Lateral Loads," Proceedings of Bridge Research in Progress Symposium, Des Moines, Iowa, September 1988, pp. 305-308.
29. Saiidi, M. and G. Ghusn, "The Effect of Stiffness Degradation on the Three-Dimensional Seismic Response of Highway Bridges," Proceedings of ASCE Structure's Congress, Seismic Engineering, San Francisco, California, May 1989, pp. 21-30.
30. Saiidi, M., "Earthquake Resistant R/C Beam-to-Column Connections," Proceedings of International Concrete Conference, '90, Tehran, Iran, May 1990, pp. 545-557.
31. Maragakis, E., M. Saiidi, and S. Abdel-Ghaffar, "On the Response of Reinforced Concrete Buildings to the Whittier Earthquake," Proceedings of ASCE Structures Congress, Baltimore, Maryland, May 1990, pp. 244-245.
32. Jiang, Y., M. Saiidi, and D. Straw, "Behavior of Reinforced Concrete One-Way Bridge Pier Hinges," Proceedings of the Second Workshop on Bridge Engineering Research in Progress, Reno, Nevada, October 1990, pp. 273-276.

33. Douglas, B., M. Blakely, M. Saiidi, and E. Maragakis, "Construction of the New Bridge Laboratory Facility at the University of Nevada, Reno," Proceedings of the Seventh U.S.-Japan Workshop on Bridge Engineering, Tsukuba, Japan, May 1991.
34. Maragakis, E., M. Saiidi, B. Douglas, G. Norris, R. Siddharthan, and D. Sanders, "Bridge Engineering Research in Progress at the University of Nevada, Reno," Proceedings of the Seventh U.S.-Japan Workshop on Bridge Engineering, Tsukuba, Japan, May 1991.
35. Saiidi, M., F. Gordaninejad, and N. Wehbe, "Behavior of Bridge Composite Girders Constructed from Concrete and Graphite-Epoxy Sections," Proceedings of the ASME Winter Annual Meeting, ASME AMD-Vol. 129, Atlanta, Georgia, December 1991, pp. 67-72.
36. Maragakis, E. and M. Saiidi, "Evaluation of Seismic Response of Bridges with Hinge Restrainers," Proceedings of the First Annual Seismic Research Workshop, CALTRANS, Sacramento, California, December 1991, pp. 77-86.
37. Saiidi, M., E. Maragakis, and G. Ghosn, "Pier Ductility Demand in 3-D Response of Base-Isolated Bridges", Proceedings of the ASCE Structures Congress, San Antonio, Texas, April 1992, pp. 173-176.
38. Maragakis, E., M. Saiidi, and E.-S. Hwang, "Analytical Studies of the Seismic Response of Lead Rubber Base Isolated Bridges," Proceedings of the ASCE-EMD Specialty Conference, May 1992, pp. 67-70.
39. Maragakis, E., M. Saiidi, and S. Abdel-Ghaffar, "Evaluation of the Response of the Whitewater Bridge during the 1986 Palm Springs Earthquake," Proceedings of the Eighth U.S.-Japan Workshop on Bridge Engineering, Chicago, Illinois, May 1992, pp. 336-350.
40. Saiidi, M. and D. Sanders, "Bridge Seismic Rehabilitation Practice in the United States," Proceedings of the Third International Workshop on Bridge Rehabilitation, Darmstadt, Germany, June 1992, PP. 435-449.
41. Saiidi, M., E. Maragakis, and S. Feng, "The Adequacy of Linear Dynamic Analysis to Predict the Response of R/C Buildings during the Whittier Earthquake," Proceedings of the Tenth World Conference on Earthquake Engineering, Madrid, Spain, July 1992, pp. 4245-4249.
42. Saiidi, M., "Important Aspects of Concrete Bridge Response in Strong Earthquakes", Proceedings of the Fourth International Conference on Safety of Bridge Structures, Wroclaw, Poland, September 1992, pp. 273-278.
43. Gordaninejad, F., M. Saiidi, and N. Wehbe, "Behavior of Concrete- Graphite/Epoxy Sections in Composite Bridge Girders," Proceedings of the Second ASCE Materials Engineering Congress, Atlanta, Georgia, August 1992, pp. 415-425.
44. Saiidi, M. D. Straw, and B. Douglas, "Lateral Load Response of R/C Bridge Column One-Way Hinges," Proceedings, 1992 NSF Structures, Geomechanics, and Building Systems Grantee's Conference, San Juan, Puerto Rico, June 1992, pp. 92-94.
45. Saiidi, M., "Concrete Bridge Response in Strong Earthquakes," Proceedings of the Second International Concrete Conference, '92, Tehran, Iran, November 1992, pp. 450-464.
46. Saiidi, M., E. Maragakis, S. Abdel-Ghaffar, and D. O'Connor, "Effect of Hinge Restrainers on the Response of Highway Bridges during the Loma Prieta Earthquake," Proceedings of the Third Workshop on Bridge Engineering Research in Progress, La Jolla, California, November 1992, pp. 171-174.

47. Maragakis, E. and M. Saiidi, "Development and Application of Simple Analytical Models of Lead-Rubber Base Isolated Bridges," Proceedings of the U.S.-Japan Conference on Structural Control, Tokyo, Japan, December 1992.
48. Saiidi, M., F. Gordaninejad, and N. Wehbe, "Flexural and Shear Behavior of Combined Concrete and Graphite-Epoxy Beams," Proceedings of the ASCE Structures Congress, Irvine, California, April 1993, pp.1385-1390.
49. Maragakis, E., M. Saiidi, S. Feng, D. O'Connor, and S. Abdel-Ghaffar, "Effects of Hinge Restrainers on the Seismic Response of Bridges," Proceedings of the Second Annual Seismic Research Workshop, CALTRANS, Session IV, Sacramento, California, March 1993, 10pp.
50. Noori, P. and M. Saiidi, "Seismic Retrofit of A Viaduct in Sparks, Nevada," Proceedings of the Symposium on Practical Solutions for Bridge Strengthening and Rehabilitation, Des Moines, Iowa, April 1993, pp. 275-284.
51. Saiidi, M., B. Douglas, E. Maragakis, D. Sanders, F. Gordaninejad, and B. Rawat, "Recent Bridge Engineering Research at the University of Nevada, Reno," Proceedings of US-Eastern European Conference on Bridge Research, June 1994.
52. Gordaninejad, F., A. Ghazavi, A. Ray, H. Wang, and M. Saiidi, "Intelligent Electrorheological Dampers for Active Vibration Control: An Example Study," Proceedings of the Ninth International Conference on Composite Materials, Spain, July 1993.
53. Maragakis, E., M. Saiidi, S. Feng, D. O'Connor, and S. Abdel-Ghaffar, "Evaluation of the Seismic Response of Bridges with Hinge Restrainers," Proceedings of the Ninth U.S.-Japan Workshop on Bridge Engineering, Tsukuba, Japan, May 1993.
54. Saiidi, M., "The Guam Earthquake of August 8, 1993, Bridges," Preliminary Report of the Earthquake Damage, Earthquake Engineering Research Institute Special Report, Vol. 27, No. 10, October 1993.
55. Saiidi, M., "Current Practice on Design of Bridges and Elevated Road Systems in the United States -- An Overview," Proceedings of the International Workshop on Civil Infrastructural Systems, Taipei, Taiwan, January 1994.
56. Saiidi, M., E. Maragakis, D. Sanders, and D. O'Connor, "Seismic retrofit of Bridges in Northern Nevada," Proceedings of the Second US-Japan Workshop on Seismic Retrofit of Bridges, Berkeley, California, January 1994.
57. Saiidi, M., E. Maragakis, and D. Sanders, "Evaluation and Seismic Retrofit of Highway Bridge Substructures with Tapered Columns," Proceedings of the Tenth US-Japan Bridge Engineering Workshop, Lake Tahoe, Nevada, Vol. I, May 1994, pp. 320-334.
58. Saiidi, M., B. Douglas, E. Maragakis, D. Sanders, F. Gordaninejad, and B. Rawat, "Recent Bridge Engineering Research at the University of Nevada, Reno," Proceedings of US-Slovak Conference on Bridge Engineering, Bratislava, Slovak Republic, June 1994, pp. 183-192.
59. Saiidi, M., B. Douglas, E. Maragakis, D. Sanders, F. Gordaninejad, and B. Rawat, "Recent Bridge Engineering Research at the University of Nevada, Reno," International Bridge Conference, Warsaw, Poland, June 1994, pp. 105-114.
60. Abdel-Ghaffar, S., E. Maragakis, and M. Saiidi, "Evaluation of Highway Bridges with Hinge Restrainers," Proceedings of the Third Annual Seismic Research Workshop, CALTRANS, Sacramento, California, June 1994, 10pp.

61. Saiidi, M., E. Maragakis, and S. Feng, "Field Performance and Design Issues for Bridge Hinge Restrainers," Proceedings of the Fifth US National Conference on Earthquake Engineering, Chicago, Illinois, July 1994, pp. I-439-448.
62. Saiidi, M., D. Sanders, B. Douglas, N. Wehbe, and S. Acharya, "Capacity Detailing of Columns, Walls, and Piers for Ductility and Shear," NCEER Annual Highway Project Meeting, Buffalo, New York, September 1994.
63. Saiidi, M., E. Maragakis, and G. Griffin, "Analytical Studies of the Response of Multi-Column Base Isolated Bridges," Proceedings of the ASCE Engineering Mechanics Conference, Denver, Colorado, May 1995.
64. Darwish, I., M. Saiidi, and D. Sanders, "Seismic Retrofit of R/C Bridge Columns with Inadequate Bar Anchorage in Footings," Proceedings, National Seismic Conference on Bridges and Highways, San Diego, California, Session 4, December 1995.
65. Lopez, R. and M. Saiidi, "Patterns of Inelastic Deformation in Reinforced Concrete Frames Subjected to Strong Earthquakes," Proceedings, NSF EPSCoR Conference, San Juan, Puerto Rico, April 1996.
66. Saiidi, M., and N. Mangoba, "Field Monitoring of Prestress Forces in Four Box Girder Bridges Subjected to High Variation of Humidity," Proceedings of the Fourth Bridge Research in Progress Workshop, Buffalo, New York, June 1996, pp. 151-156.
67. Saiidi, M., "Opportunities For Cooperative Research in Earthquake Engineering of Bridges," Proceedings, US/Central Europe Workshop on Civil Infrastructure Systems For The Next Century: A Global Partnership in Research, Cracow, Poland, October 1996.
68. Darwish, I., M. Saiidi, and D. Sanders, "Seismic Performance and Retrofit of Fixed and Hinged RC Bridge Columns with Short Bar Anchorage," Proceedings, First International Conference on Earthquake Resistant Engineering Structures, Thessaloniki, Greece, October 1996, pp. 323-338.
69. Sanders, D., M. Saiidi, and B. Douglas, "Bridge Column-Cap Beam Seismic Strengthening," Proceedings, 12th US-Japan Bridge Engineering Workshop, Buffalo, New York, October 1996, pp. 423-436.
70. Labia, Y., M. Saiidi, B. Douglas, "Evaluation and Repair of Full-scale Prestressed Concrete Box Girders," The Concrete Way to Development, an International Symposium, Johannesburg, S. Africa, March 1997.
71. Saiidi, M., Y. Labia, and B. Douglas, "Repair of a Full-scale Prestressed Concrete Box Girder and Fatigue Performance of the Repaired Girder," Second Symposium on Practical Solutions for Bridge Strengthening and Rehabilitation, BSAR II, Kansas City, Missouri, March 1997, pp. 305-314.
72. Gordaninejad, F., M. Saiidi, and S. Uthiram, "Experimental Study of a Multi-Electrode Cylindrical ER Fluid Damper for In-Plane Motions," International Society for Optical Engineering (SPIE) Fourth Annual Symposium on Smart Structures and Materials, San Diego, California, March 1997.
73. Saiidi, M., E. Maragakis, T. Isakovic, and M. Randall, "Performance-Based Design of Seismic Restrainers for Simply-supported Bridges," Proceedings, International Workshop on Seismic Design Methodologies for the Next Generation of Codes, Bled, Slovenia, June 1997, pp. 395-406.
74. Hansen, B., F. Gordaninejad, M. Saiidi, and F-K. Chang, "Control of Bridges Using Magneto-Rheological Fluid Dampers," Proceedings, International Workshop on Structural Health Monitoring, Stanford, California, September 1997, pp. 81-90.

75. Saiidi, M. and D. Sanders, "Seismic Retrofit of Highway Bridges in Northern Nevada," Proceedings, 214th American Chemical Society National Meeting, Division of Environmental Chemistry, Vol. 37(2), Las Vegas, Nevada, September 1997, pp. 310-312.
76. Wehbe, N., M. Saiidi, and D. Sanders, "Displacement Issues of Seismically Loaded RC Bridge Columns," 13th US-Japan Bridge Engineering Workshop, Tsukuba, Japan, October 1997, PP. 133-146.
77. Gordaninejad, F., M. Saiidi, B. Hansen, and F-K. Chang, "Control of Bridges Using Magneto-Rheological Fluid (MRF) Dampers and A Fiber-Reinforced, Composite -Material Column," International Society for Optical Engineering (SPIE) Fifth Annual Symposium on Smart Structures and Materials, San Diego, California, March 1998.
78. Saiidi, M. and E. Maragakis, "Bridge Engineering Research and information Center (BRIC) at the University of Nevada, Reno," Proceedings, Invitational Workshop on Distributed Information, Computation, and Process Management for Scientific and Engineering Environments, Washington, D.C., May 1998, Paper 11.25, pp.99-100.
79. Sanders, D.H., P. Laplace, B.M. Douglas, and M.S. Saiidi, "Shake-Table Testing of Current Column Design," *The 5th Caltrans Seismic Research Workshop*, California Department of Transportation, June 18, 1998, Sacramento, CA.
80. Wehbe, N., M. Saiidi, and D. Sanders, "Confinement of Rectangular Bridge Columns for Moderate Seismic Areas," National Center for Earthquake Engineering Research Bulletin, Volume 12, No. 1, State University of New York, Buffalo, New York, Spring 1998.
81. Sanders, D., P. Laplace, B. Douglas, and M. Saiidi, "Concrete Columns Tested under Shake-Table Loading," Proceedings, 5th Caltrans Earthquake Engineering Workshop, Sacramento, California, June 1998.
82. Gordaninejad, F., M. Saiidi, B. Hansen, and F-K. Chang, "Magneto-Rheological Fluid Dampers for Control of Bridges," Proceedings, Second World Conference on Structural Control, Kyoto, Japan, June-July 1998.
83. Saiidi, M., T. Isakovic, and A. Itani, "Evaluation of New Concepts to Improve Seismic Performance of Concrete Bridges," Proceedings, Structural Engineering World Congress, San Francisco, California, July 1998, Paper No. T160-6, 8pp.
84. Lopez, R., M. Saiidi, and M. Coll-Borgo, "Patterns of Plastic Hinging in R/C Frames Subjected to Strong Earthquakes," Proceedings, Structural Engineers Association of California, 1998 Convention, Reno, Nevada, October 1998.
85. Laplace, P., D. Sanders, B. Douglas, and M. Saiidi, "Shake-Table Testing of Flexure Dominated Reinforced Concrete Columns," Proceedings, Structural Engineers Association of California, 1998 Convention, Reno, Nevada, October 1998.
86. Laplace, P., D. Sanders, B. Douglas, and M. Saiidi, "Shake-Table Testing of Flexure Dominated Reinforced Concrete Columns," Proceedings, 14th US-Japan Bridge Engineering Workshop, Pittsburgh, Pennsylvania, November 1998.
87. Saiidi, M., E. Maragakis, D. Sanders, G. Norris, and B. Douglas, "Earthquake-Resistant Bridges- From Foundation to Superstructure," Third International Conference on Seismology and Earthquake Engineering, Tehran, Iran, May 1999.
88. Saiidi, M., N. Wehbe, D. Sanders, and C. Caywood, "Steel Jacket Retrofit for Bridge Columns with Structural Flares," Proceedings, 8th Canadian Conference on Earthquake Engineering, Vancouver, British Columbia, Canada, June 1999, pp. 651-656.

89. Vlassis, A., E. Maragakis, M. Saiidi, "An Update on Analytical and Experimental Research on Bridge Restrainers," Proceedings, 15th US-Japan Bridge Engineering Workshop, Tsukuba, Japan, November 1999.
90. Sanders, D., M. Saiidi, F. Gordaninejad, F. Martinovic, and B. McElhaney, "FRP Composites for Seismic Retrofitting of Non-Prismatic Reinforced Concrete Columns," Proceedings, 15th US-Japan Bridge Engineering Workshop, Tsukuba, Japan, November 1999.
91. Saiidi, M., D. Sanders, F. Gordaninejad, F. Martinovic, and B. McElhaney, "Seismic Retrofit of Non Prismatic Bridge Columns with Fibrous Composites," Proceedings, 12th World Conference on Earthquake Engineering, Auckland, New Zealand, Topic 6, Paper No. 0143, February 2000.
92. Saiidi, M., D. Sanders, A. Itani, and E. Maragakis, "Aspects of Seismic Evaluation, Design, and Retrofit of Bridges- an Overview," Fifth Conference on Railway Transportation, Tehran, Iran, Invited Keynote Paper, February 2000.
93. Saiidi, M, I. Darwish, and D. Sanders, "Seismic Design of Steel-Encased, Concrete Column Connections to Footings," Sixth International Conference on Steel-Concrete Composite Structures, Los Angeles, California, March 2000, pp. 221-228.
94. Saiidi, M, D. Sanders, A. Itani, and N. Wehbe, "Seismic Behavior, Analysis, and Design of Reinforced Concrete Bridge Elements and Systems- from Computer Simulation to Shake Table Studies," Third International Concrete Conference, Tehran, Iran, Invited Keynote Paper, No. 608, May 2000.
95. Naeim, F., K. Patel, K.-C. Tu, M. Saiidi, A. Itani, and J. Anderson, "A New Rigid Connection for Heavy Beams and Columns in Steel Moment Resisting Frames," Proceedings, 5th Conference on Tall Buildings in Seismic Regions, Los Angeles, California, May 2000.
96. Saiidi, M, and N. Mangoba, "Field Application of FRPs in Seismic Retrofit of a 16-span Bridge with Flared Columns," Third International Conference on Advanced Composite Materials in Bridges and Structures, Ottawa, Canada, August 2000, pp. 209-306.
97. Vlassis, A., E. Maragakis, and M. Saiidi, "Experimental Evaluation of Seismic Performance of Bridge Restrainers," Proceedings, 16th US-Japan Bridge Engineering Workshop, Lake Tahoe, Nevada, October 2000, pp. 345-364.
98. Saiidi, M, D. Sanders, A. Itani, and N. Wehbe, " Earthquake Response and Design of Reinforced Concrete Bridge Elements and Systems- from Computer Simulation to Shake Table Studies," International Symposium on Modern Concrete Composites & Infrastructure, Beijing, China, Invited Keynote Paper, November 2000, pp. 83-90.
99. Pulido, C., M. Saiidi, D. Sanders, and A. Itani, "Ensayo Y Analisis De Porticos De Concreto Reforzado Utilizando Mesa Vibratoria," Proceedings of the 12th National Mexican Congress of Structural Engineering, Leon, Mexico, November 2000.
100. Pulido, C, M. Saiidi, D. Sanders, and A. Itani, "Seismic Performance and Retrofit of Reinforced Concrete Bridge Bents," International Society for Optical Engineering (SPIE) Sixth International Symposium on NDE for Health Monitoring and Diagnostics, Newport Beach, California, March 2001, pp. 272-281.
101. Laplace, P., D. Sanders, and M. Saiidi, "Experimental and Analytical Study of Circular Flexural Retrofitted Columns Subjected to Shake Table Loading," Proceedings, 6th Caltrans Seismic Research Workshop, Sacramento, California, June 2001, Paper No. 02-103.

102. Pulido, C, M. Saiidi, D. Sanders, and A. Itani, "Dynamic Assessment and Retrofitting of Reinforced Concrete Bridge Bents," Proceedings, 6th Caltrans Seismic Research Workshop, Sacramento, California, June 2001, Paper No. 06-102.
103. Laplace, P., D. Sanders, and M. Saiidi, "Experimental and Analytical Study of Shear Dominated Circular Bridge Columns Subjected to Shake Table Loading," Proceedings, 6th Caltrans Seismic Research Workshop, Sacramento, California, June 2001, Paper No. 06-103.
104. Moore, J., D. Sanders, and M. Saiidi, "Shake Table Testing of A Substandard Two Column Bent with Round Hinged Columns," Proceedings, 6th Caltrans Seismic Research Workshop, Sacramento, California, June 2001, Paper No. 06-104.
105. Saiidi, M., and Z. Cheng, "Repair of Earthquake-damaged RC Flared Bridge Columns Using FRPs," Proceedings, the 9th International Conference on Structural Faults and Repairs - 2001, London, United Kingdom, July 2001.
106. Kavlicoglu, B.M., F. Gordaninejad, M. Saiidi, and Y. Jiang, "Analysis and Testing of Graphite/Epoxy Concrete Bridge Girders Under Static Loading," Proceedings, the 9th International Conference on Structural Faults and Repairs - 2001, London, United Kingdom, July 2001.
107. Naeim, F., K. Patel, K. Tu, M. Saiidi, A. Itani, and J. Anderson, "A New Rigid Connection for Heavy Beams and Columns in Steel Moment Resisting Frames," Annual Meeting, Structural Engineers Association of California, San Diego, California, September 2001.
108. Sanchez, F., E. Maragakis, and M. Saiidi, "Seismic Performance of Bridge Restrainers at Intermediate Hinges," Proceedings, Research in Progress Workshop, Minneapolis, Minnesota, October 2001, pp. 415-420.
109. Sanders, D., M. Saiidi, and K. Moustafa "Impact of Aspect Ratio on Two-Column Bent Seismic Performance," Proceedings, Research in Progress Workshop, Minneapolis, Minnesota, October 2001, pp. 403-408.
110. Saiidi, M., D. Sanders, A. Itani, and F. Gordaninejad, "Seismic Performance Of Substandard, Retrofitted, and New Reinforced Concrete Two-Column Bridge Bents," Sixth Conference on Railway Transportation, Tehran, Iran, Invited Keynote Paper, November 2001.
111. Sanchez, F., E. Maragakis, M. Saiidi, and A. Kartoum, "Shake Table Test of Bridge Restrainers at Intermediate Hinges," Proceedings, 17th US-Japan Bridge Engineering Workshop, Tokyo, Japan, November 2001.
112. Nada, H., D. Sanders, and M. Saiidi, "Performance of Flared Columns with Gaps," Proceedings, 17th US-Japan Bridge Engineering Workshop, Tokyo, Japan, November 2001.
113. Gopalakrishnan, B., M. Saiidi, and F. Gordaninejad, "Seismic Behavior Of A Bridge Pier with Innovative Fiber Composite and Concrete Elements," Proceedings, International Conference on FRP Composites in Civil Engineering, Hong Kong, December 2001, pp. 1345-1352.
114. Griffin, G. and M. Saiidi, "A Response Spectrum Method for Incoherent Multiple Support Excitation of Bridges," Extended Abstract, Proceedings, EERI Annual Meeting, Long Beach, California, February 2002.
115. Saiidi, M., B. Gopalakrishnan, R. Siddharthan, and E. Reinhardt, "Effect of Soil-Structure Interaction on Seismic Demand in Substandard Bridge Bents," Extended Abstract, Proceedings, EERI Annual Meeting, Long Beach, California, February 2002.

116. Buckle, I., A. Itani, E. Maragakis, M. Saiidi, and D. Sanders, "Development of A Multiple Shake Table Research Facility," Structures Congress, ASCE, San Francisco, California, April 2002.
117. Correal, J., M. Saiidi, D. Sanders, and S. El-Azazy, "Shake Table Response of Flexure-Dominated Bridge Columns with Interlocking Spirals," Third National Seismic Conference and Workshop on Bridges and Highways, Portland, Oregon, April 2002, pp. 539-544.
118. Sanders, P. Laplace, M. Saiidi, and S. El-Azazy, "Seismic Performance of Reinforced Concrete Bridge Columns," Third National Seismic Conference and Workshop on Bridges and Highways, Portland, Oregon, April 2002.
119. Saiidi, M., D. Sanders, A. Itani, E. Maragakis, and S. El-Azazy, "Current and Future Trends in Seismic Retrofit of Bridges," Invited Keynote Paper, Proceedings, First Conference on Strengthening and Retrofit of Structure," Tehran, Iran, May 2002.
120. Saiidi, M., F. Gordaninejad, B. Gopalakrishnan, and E. Reinhardt, "A New Application of CFRP Fabrics in Earthquake-Resistant RC Bridge Piers," Proceeding, 3rd International Conference on Composites in Infrastructure, San Francisco, California, June 2002, Paper No. 119, 12pp.
121. Pulido, C., M. Saiidi, D. Sanders, and A. Itani, "Experimental Validation and Analysis of CFRP-Retrofit of A Two-Column Bent," Proceedings, Third International Conference on Composites in Infrastructure, San Francisco, California, June 2002, Paper No. 077, 9pp.
122. Saiidi, M., D. Sanders, A. Itani, S. El-Azazy, and F. Gordaninejad, "Seismic Safety and Performance of New and Retrofitted Two-Column Bridge Piers," Proceedings, First International Conference on Bridge Maintenance, Safety, and Management, Barcelona, Spain, July 2002, Paper No. 317, 8pp.
123. Saiidi, M., A. Itani, Q. Yang, and S. Ladkany, "Multifaceted Seismic Evaluation and Retrofit Study of A Major Viaduct," Proceedings, First International Conference and Annual Meeting of Asian-Pacific Network of Centers for Earthquake Engineering Research, Harbin, China, August 2002, pp. 471-478.
124. Saiidi, M., A. Itani, Q. Yang, and S. Ladkany, "Multifaceted Seismic Evaluation and Retrofit Study of A Major Viaduct," Proceedings, International Conference on Advances and New Challenges in Earthquake Engineering Research, Hong Kong, China, August 2002, pp. 571-578.
125. Maragakis, E., F. Sanchez-Camargo, M. Saiidi, A. Kartoum, and S. El-Azazy, "Experimental Response of Bridge Hinges Retrofitted with Cable Restrainers," Proceedings Supplement, Eurodyn 2002 Conference, Munich, Germany, September 2002.
126. Saiidi, M., A. Itani, Q. Yang, and T. Isakovic, "Seismic Performance and Retrofit of A 24-Span Freeway Bridge," Proceedings, US-China Workshop on Seismic Analysis and Design of Special Bridges, Shanghai, China, October 2002 (MCEER report 03-0004, July, 2003), pp. 161-172.
127. Sanders, D., K. Moustafa, M. Saiidi, and S. El-Azazy, "Shake Table Performance of Bents with Two Circular Columns," Proceedings, 18th US-Japan Bridge Engineering Workshop, St. Louis, Missouri, November 2002.
128. Mortensen, C., M. Saiidi, and S. Ladkany, "Creep and Shrinkage Losses in Prestressed Concrete Bridges in Highly Variable Climates," Proceedings, Transportation Research Board Meeting, Washington, DC, January 2003.

129. Hasan, M., S. Ladkany, and M. Saiidi, "Soil and Foundation Non-Linearity Effects on the Seismic Response of A Concrete Bridge Structure," Proceedings, 38th Engineering Geology and Geotechnical Engineering Symposium, Reno, Nevada, March 2003, pp. 203-215.
130. Sanders, D., M. Saiidi, and K. Moustafa, "Impact of Aspect Ratio on Two-Column Bent Seismic Performance," Proceedings, ASCE Structures Congress, Seattle, Washington, May-June 2003.
131. Saiidi, M., A. Itani, N. Johnson, J. Mortensen, and S. Ladkany, "Shake Table Response of Bridge Columns," Proceedings, Earthquake Resistant Engineering Structures- IV, Invited Paper, Ancona, Italy, September 2003, pp. 69-78.
132. Nada, H. Sanders, D.H. and Saiidi, M., "Seismic Analysis and Design of Flared Bridge Columns", 35th Joint Meeting of the US-Japan Panel on Wind and Seismic Effects, May 12-14, 2003, Tsukuba, Japan.
133. Chandance, S., D. Sanders, M. Saiidi, and S. El-Azazy, "Static and Dynamic Behavior of Flared Column Bents," Proceedings, 19th US-Japan Bridge Engineering Workshop, Tokyo, Japan, October-November 2003.
134. Johnson, N., M. Saiidi, and A. Itani, "Seismic Retrofit Strategies for Substandard Single-Column Bents Supported on Pedestals," Proceedings, 2nd US-China Workshop on Seismic Analysis and Design of Special Bridges, Buffalo, New York, December 2003, Session V, pp. 215-226.
135. Griffin, G., and M. Saiidi, "Preliminary Study to Develop Simplified Response Spectrum Method for Incoherent Ground Motion Response of Bridges," Proceedings, 4th National Seismic Conference and Workshop on Bridges and Highways, Poster No. 3, Memphis, Tennessee, February 2004.
136. Correal, J., M. Saiidi, D. Sanders, and S. El-Azazy, "Seismic Performance of Bridge Columns with Double Interlocking Spirals," Proceedings, 4th National Seismic Conference and Workshop on Bridges and Highways, Session II, Memphis, Tennessee, February 2004.
137. Correal, J., M. Saiidi, D. Sanders, and S. El-Azazy, "Shake Table Studies of Bridge Columns with Double Interlocking Spirals," Paper No. 2198, Proceedings, 13th World Conference on Earthquake Engineering, Vancouver, British Columbia, Canada, August 2004, 15 pp.
138. Moustafa, K., D. Sanders, M. Saiidi, and S. El-Azazy, "Shake Table Testing and Analysis of Two-Column Bents," Paper No. 2501, Proceedings, 13th World Conference on Earthquake Engineering, Vancouver, British Columbia, Canada, August 2004, 15 pp.
139. Saiidi, M., A. Itani, D. Sanders, and E. Maragakis, "Seismic Retrofit of Bridges," Invited Keynote Paper, Proceedings, VIII Mexican Symposium on Earthquake Engineering, Tlaxcala, Mexico, September 2004.
140. Saiidi, M., A. Itani, D. Sanders, and E. Maragakis, "Conventional and New Seismic Retrofit Methods for Bridges," Plenary Speech, 2nd US-Turkey Workshop on Seismic Design and Retrofit of Highway Bridges, Ankara, Turkey, September 2004.
141. Saiidi, M., H. Ghasemi, H. Choi, J. Anderson, and V. Phan, "Feasibility of Bridge Design for Near-Fault Ground Motions," Proceedings, 20th US-Japan Bridge Engineering Workshop, Washington, DC, October 2004.
142. Correal, J., M. Saiidi, D. Sanders, and S. El-Azazy, "Experimental Studies of Bridge Columns with Double Interlocking Spirals," Proceedings, 20th US-Japan Bridge Engineering Workshop, Washington, DC, October 2004.

143. Saiidi, M., A. Itani, K. Sureshkumar, and S. Ladkany, "Seismic Retrofit of Bridge Bents with Diamond Shape RC Columns," Proceedings, 2nd International Conference on Bridge Maintenance, Safety, and Management, Paper No. TuE-H, Kyoto, Japan, October 2004.
144. Saiidi, M., N. Johnson, A. Itani, and S. Ladkany, "Earthquake Performance and Retrofit of Bridge Column/Pedestal Piers," Proceedings, 2nd International Conference on Bridge Maintenance, Safety, and Management, Paper No. WE-C2, Kyoto, Japan, October 2004.
145. Saiidi, M., R. Nelson, and P. Laplace, "Internal and External Sensing for Post-Earthquake Evaluation of Bridges," Proceedings, North-American Euro-Pacific Workshop on Sensing Issues in Civil Structural Health Monitoring, Honolulu, Hawaii, November 2004.
146. Saiidi, M., A. Itani, K. Sureshkumar, and S. Ladkany, "Retrofit of Two-Column Bridge Piers with Diamond Shape Columns for Earthquake Loading Using CFRP," Proceedings, 2nd International Conference on FRP Composites in Civil Engineering, CICE2004, Session B8, Adelaide, Australia, December 2004.
147. Saiidi, M., "Overview of NEESR-SG: Seismic Response of Highway Bridges," NSF NEES Research Grantees Annual Meeting, San Diego, California, January 2005.
148. Correal, J., and M. Saiidi, "Lessons Learned from Shake Table Testing of RC Columns in Relation to Post-Earthquake Evaluation," Proceedings, Society for Experimental Mechanics, IMAC 23 Conference, Orlando, Florida, January-February 2005, Paper 398.
149. Maragakis, E., M. Saiidi, R. Johnson, R. DesRoches, and J. Padgett, "Experimental Evaluation of Seismic Performance of SMA Bridge Restrainers," Proceedings, Second International Conference on Urban Earthquake Engineering, Tokyo, Japan, March 2005.
150. Saiidi, M., D. Sanders, N. Johnson, M. Eberhard, and T. Ranf, "Earthquake Response Studies of A Large-Scale, Two-Span Bridge Model on Shake Tables," First US-Portugal International Workshop- Grand Challenges in Earthquake Engineering, "Lamego, Portugal, Paper 3.1-3.9, July 2005.
151. Saiidi, M., H. Choi, J. Anderson, V. Phan, H. Ghasemi, and I. Friedland, "Feasibility of Bridge Design for Near-Fault Ground Motions," First US-Portugal International Workshop- Grand Challenges in Earthquake Engineering, "Lamego, Portugal, Paper 27.1-27.7, July 2005.
152. Cheng, Z., M. Saiidi, and D. Sanders, "Development of Seismic Design Method for Reinforced Concrete Two-Way Bridge Column Hinges," Proceedings, 76th Annual Structural Engineers Association of California, September-October 2005, pp. 37-47.
153. Sanders, D., K. Moustafa, and M. Saiidi, "Shake Table Testing and Analysis of Two-Column Bents," Proceedings, Paper No. 01-502, Caltrans Bridge Research Conference, Sacramento, California, October-November 2005.
154. Correal, J., M. Saiidi, and D. Sanders, "Seismic Design Issues in Bridge Columns with Interlocking Spirals," Proceedings, Paper No. 01-503, Caltrans Bridge Research Conference, Sacramento, California, October-November 2005.
155. Sanders, D., H. Nada, and M. Saiidi, "Seismic Design of Flared Columns," Proceedings, Paper No. 01-503, Caltrans Bridge Research Conference, Sacramento, California, October-November 2005.
156. Choi, H., M. Saiidi, and P. Somerville, "Bridge Seismic Analysis Procedure to Address Near-Fault Effects," Proceedings, Paper No. 02-501, Caltrans Bridge Research Conference, Sacramento, California, October-November 2005.
157. Saiidi, M., E. Maragakis, D. Sanders, J. Anderson, R. Johnson, V. Phan, Z. Cheng, and H. Wang, "Recent Earthquake Engineering Research at UNR- Four Examples: FRP

- Restrainers, Near-Fault Effects, Column Hinges, and Shape Memory Alloy Columns,” Proceedings, 2005 Asia-Pacific Network of Centers for Earthquake Engineering Research, Jeju, Korea, Session V, Paper HR-4, November 2005.
158. Johnson, N., M. Saiidi, and D. Sanders, “Analysis of the Shake Table Response of A Two-Span Bridge System,” Proceedings, 2005 Asia-Pacific Network of Centers for Earthquake Engineering Research, Jeju, Korea, Session III, Paper NE-9, November 2005.
 159. Ladkany, S., N. Ghafoori, M. Hassan, S. Suieki, M. Saiidi, “Seismic Evaluation and Retrofit of A Bridge Ramp of the Las Vegas Viaduct,” Proceedings, International Conference on Bridge Management Systems, Monitoring, Assessment and Rehabilitation, Cairo, Egypt, March 2006.
 160. Wehbe, N., M. Saiidi, and M. Reuer,” Confinement of Bridge Columns: Performance Evaluation of Seismic Requirements of USA Codes,” Proceedings, Civil Engineering Infrastructure Systems (CEIS 2006), Beirut, Lebanon, June 2006, 12p.
 161. Saiidi, M., M. Zadeh, and M. O’Brien, “Analysis of Reinforced Concrete Bridge Columns with Shape Memory Alloy and Engineered Cementitious Composites under Cyclic Loads,” Proceedings, 3rd International Conference on Bridge Maintenance, Safety, and Management, Porto, Portugal, July 2006, 8p.
 162. Zhu, Z., A. Mirmiran, and M. Saiidi, “Seismic Performance of Reinforced Concrete Bridge Columns Encased in Fiber Composite Tube ,” Proceedings, 3rd International Conference on Bridge Maintenance, Safety, and Management, Porto, Portugal, July 2006, 7p.
 163. Saiidi, M., E. Maragakis, D. Sanders, J. Anderson, R. Johnson, V. Phan, Z. Cheng, and H. Wang, “Recent Earthquake Engineering Research at UNR- Four Examples: FRP Restrainers, Near-Fault Effects, Column Hinges, and Shape Memory Alloy Columns,” Proceedings, National Biennial Conference on Concrete Structures and Materials, ASOCRETO, Folder on Bridges, Cartagena, Colombia, September 2006.
 164. Phan, V., M. Saiidi, J. Anderson, and H. Ghasemi, “Experimental Evaluation of Near Field Earthquake Effects on Bridge Columns,” Proceedings, Second US-Taiwan Bridge Engineering Workshop, Session on Natural Hazard and Emergency Response, San Francisco, California, September 2006.
 165. Hwang, S., M. Saiidi, S. Wadia-Fascetti, J. Browning, J. Lynch, K. Tawfiq, K. Tsai, G. Song, and Y. Mo, “Experiments and Simulation of Reinforced Concrete Buildings Subjected to Reversed Cyclic Loading and Shake Table Excitation,” Proceedings, 4th International Conference on Earthquake Engineering, Taipei, Taiwan, October 2006, Paper No. 175, 13p.
 166. Saiidi, M., R. Nelson, M. Zadeh, and I. Buckle, “Shake Table Studies of a 4-Span Reinforced Concrete Bridge Model,” Proceedings, 2007 Asia-Pacific Network of Centers for Earthquake Engineering Research, Paper No. 56, Hong Kong, China, May 2007.
 167. Choi, H., M. Saiidi, and P. Somerville, “Response of RC Bridge Columns under Impulsive Near-Fault Earthquakes,” 2007 Asia-Pacific Network of Centers for Earthquake Engineering Research, Session VA, Hong Kong, China, May 2007.
 168. Johnson, N., M. Saiidi, and D. Sanders,” Aspects of Shake Table Studies of A Large-Scale, Two-Span Bridge,” Invited Paper, Earthquake Resistant Engineering Structures 6, International Conference, Bologna, Italy, Session on Bridges, June 2007, pp. 85-94.
 169. Saiidi, M., “Superelastic Shape Memory Alloy Reinforced Concrete,” CANSMART 2007, Proceedings, 10th Canadian Conference on Smart Materials, Montreal, Canada, October 2007, pp. 57-66.

170. Zaghi, A., and M. Saiidi, "Mechanism of Shear Force Transfer in RC Columns with Pipe Pins," Proceedings, Tenth Pan American Congress of Applied Mechanics, Cancun, Mexico, January 2008, pp. 243-246.
171. Saiidi, M., R. Nelson, M. Zadeh, and I. Buckle, "Seismic Performance of a Large-Scale 4-Span Bridge Model Subjected to Shake Table Testing," Proceedings, National Concrete Bridge Conference, St. Louis, Missouri, May 2008, Paper No. 107.
172. Saiidi, M., "Examples of Evolution in Experimental Studies of Concrete Bridge Seismic Response," (Invited Paper) Proceedings, Seminar in Honor of 2008 ACI President, Luis Garcia, University of Los Andes, Bogota, Columbia, May 2008.
173. Saiidi, M., "Evolution in Experimental Studies of Concrete Bridge Seismic Response," (Invited Paper), Proceedings, The Third International Conference on Bridges," Tehran, Iran, May 2008.
174. Saiid, M., "Physical Modeling of Concrete Bridges Subjected to Earthquakes," Proceedings, International Scientific Symposium on Modeling of Structures, Mostar, Bosnia, November 2008.
175. Saiidi, M., "Managing Seismic Performance of Highway Bridges-Evolution in Experimental Research," (Invited Keynote Paper), Proceedings, 4th International Conference on Bridge Maintenance, Safety, and Management, Seoul, S. Korea, July 2008, 20pp.
176. Vosooghi, A., M. Saiidi, and S. El-Azazy, "Post-Earthquake Evaluation of Reinforced Concrete Bridge Columns," (Invited Paper), Proceedings, Session WeM-1, 4th International Conference on Bridge Maintenance, Safety, and Management, Seoul, S. Korea, July 2008, 7pp.
177. Choi, H., M. Saiidi, P. Somerville, and S. El-Azazy, "Seismic Performance of a Two-Span Bridge Subjected to Fault-Rupture," Proceedings, Session TuM-8, 4th International Conference on Bridge Maintenance, Safety, and Management, Seoul, S. Korea, July 2008, 7pp.
178. Johnson, N., M. Saiidi, and D. Sanders, "Nonlinear Modeling of a Two-Span Reinforced Concrete Bridge Model from Pre-Yield through Failure Utilizing Contemporary Analytical Methods," Proceedings, Session TuM-8, 4th International Conference on Bridge Maintenance, Safety, and Management, Seoul, S. Korea, July 2008, 8pp.
179. Brown, A., and M. Saiidi, "Investigation of Near-Fault vs. Far Field Ground Motion Effects on a Substandard Bridge Bent," " Proceedings, the 24th US-Japan Bridge Engineering Workshop, Minneapolis, Minnesota, Session 3, September 2008, pp. 99-108.
180. Gutierrez, J., S. Arnold, A. Vosooghi, and M. Saiidi, "Emergency Repair of Damaged Bridge Columns using Fiber Reinforced Polymer (FRP) Materials," Proceedings, Structural Engineers Association of California Convention, Kohala Coast, Hawaii, September 2008, pp. 163-169.
181. Vosooghi, A., M. Saiidi, and J. Gutierrez, "Rapid Repair of RC Bridge Columns Subjected to Earthquakes," 2nd International Conference on Concrete Repair, Rehabilitation, and Retrofitting, Cape Town, S. Africa, November 2008, pp. 1113-1119.
182. Cruz, C., M. Saiidi, and D. Hillis, "Pretest Seismic Analysis of a 4-Span Bridge Model with Advanced Materials," Proceedings, First International Conference on Computational Technologies in Concrete Structures (CTCS '09), Session W4A, Jeju, S. Korea, May 2009.
183. Zaghi, A. and M. Saiidi, "A Simple Nonlinear Model for Pipe-Pin Shear Keys in Concrete Bridges – Bearing Failure Mode," First International Conference on Computational

- Technologies in Concrete Structures (CTCS '09), Proceedings, Session W4A, Jeju, S. Korea, May 2009.
184. Saiidi, M., C. Cruz, and D. Hillis, "High-Performance Materials in Earthquake-Resistant Concrete Bridges," Proceedings, Fifth International Structural engineering and Construction Conference (ISEC-5), Invited keynote paper, Las Vegas, Nevada, September 2009, pp. 3-6.
 185. Saiidi, M., C. Cruz, and D. Hillis, "Multi-Shake Table Seismic Studies of a 33-Meter Concrete Bridge with High-Performance Materials," Proceedings, Second International Conference on Recent Advances in Railroad Engineering, Invited keynote paper, Tehran, Iran, October 2009.
 186. Vosooghi, A., and M. Saiidi, "Rapid Repair of High-Shear Earthquake-Damaged RC Bridge Columns," Proceedings, the 25th US-Japan Bridge Engineering Workshop, Tsukuba, Japan, Session 7, October 2009, pp. 311-320.
 187. Motaref, S., M. Saiidi, and D. Sanders, "Segmental Bridge Columns w/ Damage-Free Plastic Hinges," Proceedings, Special International Workshop on Seismic Connection Details for Segmental Bridge Construction, Seattle, Washington, July 2009," MCEER Technical Report 09-0012, University of Buffalo, Buffalo, New York, December 2009, pp. 75-82.
 188. Cruz, C., M. Saiidi, and D. Hillis, "Analytical Study of a 4-Span Bridge with Advanced Materials," Proceedings, 4th International Workshop on Reliable Engineering Computing, Singapore, March 2010, pp. 197-210.
 189. Saiidi, M., A. Ebrahimpour, and N. Johnson, "Nonlinear Analysis of Earthquake Response of a Four-Span RC Bridge Model," Proceedings, International Conference on Bridge Maintenance, Safety, and Management, Philadelphia, Pennsylvania, July 2010.
 190. Cruz-Noguez, C, and M. Saiidi, "Simulated Response of Bridges with Advanced Materials under Near-Fault Earthquakes," Proceedings, 3rd World Science and Engineering Academy and Society International Conference on Engineering Mechanics, Structures, and Engineering Geology, Korfu, Greece, July 2010, pp. 429-434.
 191. Cruz-Noguez, C, and M. Saiidi, "Performance of Advanced Materials and Details during Shake Table Tests of a 4-Span Bridge Model," Proceedings, 1st Middle Eastern Conference on Smart Materials Monitoring, Assessment and Rehabilitation of Civil Structures, Dubai, UAE, Paper No. 102, February 2011.
 192. Ebrahimpour, A., M. Saiidi, and N. Johnson, "Seismic Response of a Four-Span R/C Bridge Model Using OpenSees FE Software," Thirteenth International Conference on Civil, Structural and Environmental Engineering Computing, Crete, Greece, September 2011.
 193. Saiidi, M., A. Vosooghi, A. Zaghi, S. Motaref, and C. Cruz, "Innovative Earthquake-Resistant Bridges- Repair, Connections, and Materials," Keynote Paper, Proceedings, International Conference IBSBI 2011, Innovations on Bridges and Soil-Bridge Interaction, Athens, Greece, October 2011, pp. 107-123.
 194. Saiidi, M., A. Vosooghi, Z. Haber, S. Motaref, and C. Cruz, and D. Sanders, "Next Generation of Earthquake-Resistant Bridges," Keynote Paper, International Conference EQADS 2011, Earthquake Analysis and Design of Structures, Coimbatore, India, December 2011, pp. 125-134.
 195. Hua, Z., J. Li, and M. Saiidi, "Evaluation of Performance of A Skew Bridge in Wenchuan 2008 Earthquake," International Symposium on Engineering Lessons Learned from the

- Giant Earthquake, One Year After the Great East Japan Earthquake,” Tokyo, Japan, March 2012, pp. 1439-1450.
196. Larkin, A., D. Sanders, and M. Saiidi, “Unbonded Prestressed Columns for Earthquake Resistance,” Proceedings, ASCE Structures Congress, Chicago, Illinois, March 2012.
 197. Saiidi, M., A. Vosooghi, C. Cruz, S. Motaref, C. Ayoub, F. Kavianipour, Z. Haber, M. O’Brien, and D. Sanders, “Earthquake-Resistant Bridges of the Future with Advanced Materials,” Keynote Paper, Proceedings, Ninth International Congress on Civil Engineering, 9ICCE, Isfahan, Iran, May 2012, 12pp.
 198. Tazarv, M., and M. Saiidi, “Mitigation of Residual Displacement of RC Bridge Columns by Shape Memory Alloy under Seismic Loads,” Proceedings, Fifth European Conference on Structural Control, EACS 2012, Paper No. 085, Genova, Italy, June 2012, 8pp.
 199. Kavianipour, F., and M. Saiidi, “Shake Table Testing of A Quarter-Scale 4-Span Bridge With Composite Piers,” Proceedings, International Conference on Bridge Maintenance, Safety, and Management, Stresa, Italy, July 2012, pp. 1966-1973.
 200. Haber, Z., M. Saiidi, Y-C Ou, and D. Sanders, “A Method for Calculating the Seismic Response of Bridge Columns with Grouted Sleeve Column-Footing Connections,” Proceedings, Seventh National Seismic Conference on Bridges and Highways, Oakland, California, May 2013, 10pp.
 201. Tazarv, M. and M. Saiidi, “Emulative Moment-Resistant RC Bridge Column-Footing Connection for Accelerated Bridge Construction in High Seismic Zone,” Proceedings, Seventh National Seismic Conference on Bridges and Highways, Oakland, California, May 2013, 10pp.
 202. Vosooghi, A., Saini, A., and M. Saiidi, "Probabilistic Damage Control Approach for Seismic Design of Bridges," Proceedings, Seventh National Seismic Conference on Bridges and Highways, Paper No. B3-2, Oakland, California, May 2013, 11pp.
 203. Saiidi, M., M. Keever, J. Kapur, W. Yen, W. Dekelbab, A. Bardow, J. and D. Tobias, " Performance of Accelerated Bridge Construction Connections in Bridges Subjected to Extreme Events (NCHRP Domestic Scan 11-02)," Proceedings, Seventh National Seismic Conference on Bridges and Highways, Oakland, California, May 2013, 13 pp.
 204. Saini, A., A. Vosooghi, and M. Saiidi, “Probabilistic Performance-Based Seismic Design of Bridge Columns,” Invited, Proceedings, 4th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, COMPDYN, Kos Island, Greece, June 2013, 9pp.
 205. Haber, Z, M. Saiidi, and D. Sanders, “Emulative Column-Footing Connections for Seismic Design in Accelerated Bridge Construction,” Invited, Proceedings, 4th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, COMPDYN, Kos Island, Greece, June 2013, 8pp.
 206. Isakovic, T, M. Saiidi, and M. Fischinger, “Numerical Modeling of A Four-Span Bridge, Biaxially Tested on Three Shake Tables,” Invited, Proceedings, 4th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, COMPDYN, Kos Island, Greece, June 2013, 12pp.
 207. Saiidi, M., Saini, A., and A. Vosooghi, “Probabilistic Damage Control Seismic Design of Bridges using Structural Reliability Concepts,” Proceedings, 11th International Conference on Structural Reliability Safety and Reliability, ICOSSAR, New York City, New York, June 2013, 8pp.

208. Varela, S., and M. Saiidi, M. "Shear Behavior of Engineered Cementitious Composite (ECC) Structural Members," Proceedings, 2nd Conference on Smart Materials Monitoring, Assessment and Rehabilitation of Civil Structures, Paper No. 303, Istanbul, Turkey, September 2013, 8pp.
209. Tazarv, M., Z. Haber, and M. Saiidi, "Precast Column Connections for Accelerated Bridge Construction in High Seismic Regions," Prestressed Concrete Institute Annual Conference, Emerging Bridge Technology Session, Paper No. 58, Grapevine, Texas, September 2013, 12pp.
210. Akl, A., M. Saiidi, A. Vosooghi, "Field Studies of Post-Tensioned Bridge Hinge Curl," Prestressed Concrete Institute Annual Conference, Owner Observations- New Policy Coming Session, Paper No. 39, Grapevine, Texas, September 2013, 11pp.
211. Mehrsoroush, A., and Saiidi, M., "Seismic Performance of Two-Column Bridge Piers with Innovative Precast Members and Pipe Pin Connections, "Special Session, Extreme Load Performance and Design of Bridges for Accelerated Bridge Construction," 7th International Conference on Bridge Maintenance, Safety, and Management, Shanghai, China, July 2014, Paper No. CH199, pp.1472-1479.
212. Mehrsoroush, A., and M. Saiidi, "Earthquake-Resistant Telescopic Pipe Pin Column Base Connections for Accelerated Bridge Construction," Proceedings, Tenth US National Conference on Earthquake Engineering, Anchorage, Alaska, July 2014.
213. Saini, A., and M. Saiidi, "Post-Earthquake Damage Repair of Various Reinforced Concrete Bridge Components," Special session: Seismic rehabilitation and retrofit of structures, Paper No. 2316, 2nd European Conference on Earthquake Engineering and Seismology, Istanbul, Turkey, August 2014, pp. 9.
214. Saiidi, M., M. Tazarv, B. Nakashoji, S. Varela, and F. Kavianipour, "Resilient and Sustainable Bridges of the Future," Keynote Paper, Proceedings, Second International Conference on Innovation in Bridges and Soil-Structure Interaction, IBSBI 2014, Athens, Greece, October 2014, pp. 57-68.
215. Varela, S. and M. Saiidi, "Damage-Free Earthquake-Resistant Deconstructible Columns for ABC," Proceedings, National Accelerated Bridge Construction Conference, Miami, Florida, December 2014, pp. 620-629.
216. Mehrsoroush, A., and M. Saiidi, "An Earthquake-Resistant Column Base Pipe Pin for ABC," Proceedings, National Accelerated Bridge Construction Conference, Miami, Florida, December 2014, pp. 650-658.
217. Saiidi, M., M. Tazarv, S. Varela, and F. Kavianipour, "Earthquake-Resistant Resilient Bridges with Advanced Materials," Keynote Paper, Proceedings, Fourth International Conference on Bridges," Tehran, Iran, January 2015.
218. Saiidi, M., S. Varela, M. Tazarv, M. O'Brien, and F. Kavianipour, "Smart Materials for Accelerated Bridge Construction in High Seismic Zones," Invited Keynote Paper, Paper No. 280, Proceedings, 3rd Conference on Smart Materials Monitoring, Assessment and Rehabilitation of Civil Structures, Antalya, Turkey, September 2015.
219. Varela, S., and M. Saiidi, "Seismic Behavior of Reinforced Concrete Bridge Columns with Copper-Base SMA and ECC," Paper No. 161, Proceedings, 3rd Conference on Smart Materials Monitoring, Assessment and Rehabilitation of Civil Structures, Antalya, Turkey, September 2015.
220. Abdollahi, B., M. Saiidi, R. Siddharthan, S. Elfass, and A. Shamsabadi, "Pre-Test Studies on Seismic Soil-Abutment Interaction in Skewed Bridges," General Session, Loading I,

- Earthquake, Accidental, and Others, 8th International Conference on Bridge Maintenance, Safety, and Management, Iguacu, Brazil, June 2016, Paper No. 183, pp. 2075-2082.
221. Mohebbi, A., M. Saiidi, and A. Itani, "Self-Centering Bridge Column with CFRP Tendons under Seismic Loads," General Session, Advanced Materials, 8th International Conference on Bridge Maintenance, Safety, and Management, Iguacu, Brazil, June 2016, Paper No. 270, pp. 1269-1273.
 222. Saiidi, M., A. Mohebbi, A. Itani, M. Tazarv, and S. Varela, "New Horizons in Seismic Design of Highway Bridges with Advanced Materials and Construction Methods," Keynote Paper No. 10, 14th International Symposium in Structural Engineering, Beijing, China, October 2016.
 223. Varela, S., and M. Saiidi, "Bridges Designed for Disassembly: a Resilient and Sustainable ABC Solution," Proceedings Paper No. IBC 17-51, 34th International Bridge Conference, National Harbor, Maryland, June 2017.
 224. Bingle, J., Khaleghi, B., and M. Saiidi, "Accelerated Bridge Construction Using Innovative Materials, Design and Construction Methods," Proceedings Paper No. IBC 17-52, 34th International Bridge Conference, National Harbor, Maryland, June 2017.
 225. Tazarv, M., and M. Saiidi, "Analysis, Design, and Construction of SMA-Reinforced FRP-Confined Concrete Columns," Proceedings, Session 3- SMA, 4th Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures, Zurich, Switzerland, September 2017, 8pp.
 226. Saiidi, M. and S. Varela, "Bridge Columns and Systems of the Future-Resilient and Deconstructible," Keynote Paper, Fourth International Conference on Structural Engineering, Iranian Society of Structural Engineering, Tehran, Iran, February 2018, 10pp.
 227. Saiidi, M., and F. Kaviani-pour, "Shake Table Studies of Seismic Performance of a Segmental Bridge Pier," Proceedings, Special Session SS08, New Technologies for Seismic-Resistant Bridge Columns, 16th European Conference on Earthquake Engineering, Thessaloniki, Greece, June 2018.
 228. Mehrsoroush, A., M. Saiidi, and K. Ryan, "Seismic Performance of One-piece Pipe Pins and Precast Rebar Hinges in Bridge Piers," Proceedings, 11th US National Conference on Earthquake Engineering, Los Angeles, California, July 2018.
 229. Benjumea, J., M. Saiidi, and A. Itani, "Assessment of a Pretest Analytical Model of a Two-Span ABC Bridge System Tested under Biaxial Ground Motions," Proceedings, the 5th International Symposium on Bridge Design and Construction, Bucaramanga, Columbia, November 2018.
 230. Saiidi, M., "Achieving Resiliency Using New Materials and Details," Proceedings, Los Angeles Tall Buildings Structural Design Council Annual Conference, Los Angeles, California, May 2019, pp. 80-87.
 231. Benjumea, J., M. Saiidi, and A. Itani, "Biaxial Shake Table Tests of an ABC Two-Span Concrete Bridge System with Grouted Ducts," Proceedings, Session on Structural Analysis and Assessment, 2nd International Conference on Natural Hazard and Infrastructure (ICONHIC), Chania, Crete, Greece, June 2019, 9pp.
 232. Saiidi, M., E. Jordan, "Feasibility of Superelastic Large Diameter Copper-Aluminum Manganese SMA Bars in Bridge Columns," Plenary Lecture, Proceedings, 5th Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures, Potsdam, Germany, August 2019, 8pp.

Research Reports

1. Saiidi, M. and M.A. Sozen, "Simple and Complex Models for Nonlinear Seismic Analysis of Reinforced Concrete Structures," Civil Engineering Studies, Structural Research Series No. 465, University of Illinois, Urbana, August 1979.
2. Saiidi, M., "User's Manual for the LARZ Family, Computer Programs for Nonlinear Seismic Analysis of Reinforced Concrete Planar Structures," Civil Engineering Studies, Structural Research Series No. 466, University of Illinois, Urbana, November 1979.
3. Saiidi, M. and K.E. Hodson, "Analytical Study of Irregular R/C Structures Subjected to In-Plane Earthquake Loads," A Report to the National Science Foundation, Engineering Report No. 59, University of Nevada, Reno, May 1982.
4. Saiidi, M., "Simple Modeling of Earthquake Response in Torsionally Coupled Reinforced Concrete Structures - A Preliminary Study," A Report to the National Science Foundation, Engineering Report No. 60, University of Nevada, Reno, July 1982.
5. Saiidi, M. and R. Lawver, "User's Manual for LZAK-C64, A Computer Program to Implement the Q-Model on Commodore 64," Center for Civil Engineering Earthquake Research, Report No. CCEER-84-1, University of Nevada, Reno, January 1984.
6. Saiidi, M., J. Hart, and B. Douglas, "Inelastic Static and Dynamic Analysis of Short R/C Bridges Subjected to Lateral Loads," Center for Civil Engineering Earthquake Research, Report No. CCEER-84-3, University of Nevada, Reno, July 1984.
7. Ghosn, G. and M. Saiidi, "A Simple Hysteretic Element for Biaxial Bending of R/C Columns and Implementation in NEABS-86," Center for Civil Engineering Earthquake Research, Report No. CCEER-86-1, University of Nevada, Reno, July 1986.
8. Saiidi, M., R. Lawver, and J. Hart, "User's Manual for ISADAB and SIBA, Computer Programs for Nonlinear Transverse Analysis of Highway Bridges Subjected to Static and Dynamic Lateral Loads," Center for Civil Engineering Earthquake Research, Report No. CCEER-86-2, University of Nevada, Reno, September 1986.
9. Newcomb, D. and M. Saiidi, "Strength of Various End Panel Connections to Field Mesh," Engineering Report, Terra Aqua Inc., July 1987.
10. Fraser, T., M. Saiidi, and E. Maragakis, "Probabilistic Wind, Ice, Wind on Ice, and Snow Maps for SPPC Service Area in Nevada and California," Engineering Research and Development Center, University of Nevada, Reno, January 1988.
11. Orié, J. and M. Saiidi, "A Preliminary Study of One-Way Reinforced Concrete Pier Hinges Subjected to Shear and Flexure," Center for Civil Engineering Earthquake Research, Report No. CCEER-88-1, University of Nevada, Reno, January 1988.
12. Orié, D., M. Saiidi, and B. Douglas, "A Micro-CAD System for Seismic Design of Regular Bridges," Center for Civil Engineering Earthquake Research, Report No. CCEER-88-2, University of Nevada, Reno, June 1988.
13. Orié, D. and M. Saiidi, "User's Manual for Micro-SARB, A Microcomputer Program for Seismic Analysis of Regular Highway Bridges," Center for Civil Engineering Earthquake Research, Report No. CCEER-88-3, University of Nevada, Reno, October 1988.
14. Douglas, B., M. Saiidi, R. Hayes, and G. Holcomb, "A Comprehensive study of Loads and Pressures Exerted on Wall Forms by the Placement of Concrete," Center for Civil

- Engineering Earthquake Research, Report No. CCEER-89-1, University of Nevada, Reno, February 1989.
15. Vrontinos, S., M. Saiidi, and B. Douglas, "A Simple Model to Predict the Ultimate Response of R/C Beams with Concrete Overlays," Center for Civil Engineering Earthquake Research, Report No. CCEER 89-2, University of Nevada, Reno, June 1989.
 16. Shields, J. and M. Saiidi, "Direct Field Measurement of Prestress Losses in Box Girder Bridges," Center for Civil Engineering Earthquake Research, Report No. CCEER-89-4, University of Nevada, Reno, December 1989.
 17. Saiidi, M. E. Maragakis, G. Ghosn, Y. Jiang, and D. Schwartz, "Survey and Evaluation of Nevada's Transportation Infrastructures, Task 7.2 - Highway Bridges," Center for Civil Engineering Earthquake Research, Report No. CCEER 90-2, University of Nevada, Reno, October 1990, also published as Report No. CIS 91-1, Center for Infrastructure Studies, College of Engineering, January 1991.
 18. Abdel-Ghaffar, S., E. Maragakis, and M. Saiidi, "Analysis of the Response of Reinforced Concrete Structures during the 1987 Whittier Earthquake," Center for Civil Engineering Earthquake Research, Report No. CCEER 90-2, University of Nevada, Reno, July 1990.
 19. Saiidi, M., E. Hwang, E. Maragakis, and B. Douglas, "Dynamic Testing and Analysis of the Flamingo Road Interchange," Center for Civil Engineering Earthquake Research, Report No. CCEER 91-1, University of Nevada, Reno, February 1991.
 20. O'Connor, D.N., and M. Saiidi, "A Study of Protective Overlays for Highway Bridge Decks in Nevada, with Emphasis on Polyester-Styrene Polymer Concrete," Center for Civil Engineering Earthquake Research, Report No. CCEER 91-4, University of Nevada, Reno, October 1991.
 21. Douglas, B., M. Saiidi, and D. Sanders, "Seismic Resistance Survey of Highway Bridges in the State of Nevada," Report No. CIS 91-18, Center for Infrastructure Studies, College of Engineering, University of Nevada, Reno, November 1991.
 22. O'Connor, D.N., and M. Saiidi, "Laboratory Studies of Polyester-Styrene Polymer Concrete Engineering Properties," Center for Civil Engineering Earthquake Research, Report No. CCEER 91-5, University of Nevada, Reno, November 1991.
 23. Saiidi, M. (Coordinator), "A Graduate Seminar Course on Infrastructure Studies," Report No. CIS 91-7, Center for Infrastructure Studies, College of Engineering, University of Nevada, Reno, October 1991.
 24. Straw, D.L. and M. Saiidi, "Scale Model Testing of One-Way Reinforced Concrete Pier Hinges Subject to Combined Axial Force, Shear and Flexure," edited by D.N. O'Connor, Civil Engineering Department, Report No. CCEER-92-1, University of Nevada, Reno, March 1992.
 25. Wehbe, N., M. Saiidi, and F. Gordaninejad, "Basic Behavior of Composite Sections Made of Concrete Slabs and Graphite Epoxy Beams," Civil Engineering Department, Report No. CCEER-92-2, University of Nevada, Reno, August 1992.
 26. Saiidi, M. and E. Hutchens, "A Study of Prestress Changes in A Post-Tensioned Bridge During the First 30 Months," Civil Engineering Department, Report No. CCEER-92-3, University of Nevada, Reno, April 1992.
 27. Wehbe, N., M. Saiidi, and F. Gordaninejad, "Bridge Girders: Behavior of Composite of Concrete and Graphite Epoxy," Report No. CIS 91-25, Center for Infrastructure Studies, College of Engineering, University of Nevada, Reno, July 1992.

28. Saiidi, M., B. Douglas, S. Feng, E. Hwang, and E. Maragakis, "Effects of Axial Force on Frequency of Prestressed Concrete Bridges," Civil Engineering Department, Report No. CCEER-92-4, University of Nevada, Reno, August 1992.
29. Maragakis, E., M. Saiidi, E.S. Hwang, and G. Ghush, "Placement of Seismic Isolators in Bridges," Report No. CIS 91-26, Center for Infrastructure Studies, College of Engineering, University of Nevada, Reno, July 1992.
30. Saiidi, M., E. Maragakis, and S. Feng, "An Evaluation of the Current Caltrans Seismic Restrainer Design Method," Civil Engineering Department, Report, Report No. CCEER-92-8, University of Nevada, Reno, October 1992.
31. O'Connor, D.N., M. Saiidi, and E. Maragakis, "Effect of Hinge Restrainers on the Response of Madrone Dr. Undercrossing during the Loma Prieta Earthquake," Civil Engineering Department, Report No. CCEER-92-9, University of Nevada, Reno, February 1993.
32. O'Connor, D.N., and M. Saiidi, "Laboratory Studies of Polyester Concrete: Compressive Strength at Elevated Temperatures and following Temperature Cycling, Bond Strength to Portland Cement Concrete, and Modulus of Elasticity," Center for Civil Engineering Earthquake Research, Report No. CCEER 92-10, University of Nevada, Reno, February 1993.
33. Wehbe, M. Saiidi and D. O'Connor, "Economic Impact of Passage of Spent Fuel Traffic on Two Bridges in North-East Nevada," Civil Engineering Department, Report No. CCEER-92-11, (Also published as Report No. CIS 93-11), University of Nevada, Reno, December 1992.
34. Jiang, Y., and M. Saiidi, "Behavior, Design, and Retrofit of Reinforced Concrete One-Way Bridge Column Hinges," edited by D.N. O'Connor, Civil Engineering Department, Report No. CCEER-93-1, University of Nevada, Reno, March 1993.
35. Abdel-Ghaffar, S., E. Maragakis, and M. Saiidi, "Evaluation of the Response of the Aptos Creek Bridge during the 1989 Loma Prieta Earthquake," Civil Engineering Department, Report No. CCEER-93-2, University of Nevada, Reno, June 1993.
36. Abdel-Ghaffar, S., E. Maragakis, and M. Saiidi, "Performance of Hinge Restrainers in the Huntington Ave. Bridge during the 1989 Loma Prieta Earthquake," Civil Engineering Department, Report No. CCEER-93-4, University of Nevada, Reno, June 1993.
37. Maragakis, E., M. Saiidi, S. Feng, and L. Flournoy, "Effects of Hinge Restrainers on the Response of the San Gregorio Bridge during the Loma Prieta Earthquake," Civil Engineering Department, Report No. CCEER-93-5, University of Nevada, Reno, July 1993.
38. Saiidi, M., E. Maragakis, S. Abdel-Ghaffar, S. Feng, and D. O'Connor, "Response of Bridge Hinge Restrainers during Earthquakes--Field Performance, Analysis, and Design," Civil Engineering Department, Report No. CCEER-93-6, University of Nevada, Reno, May 1993.
39. Wehbe, N., M. Saiidi, E. Maragakis, and D. Sanders, "Adequacy of Three Highway Structures in Southern Nevada for Spent Fuel Transportation," Civil Engineering Department, Report No. CCEER-93-7, University of Nevada, Reno, August 1993.
40. Saiidi, M., D.N. O'Connor, and E. Maragakis, "A Study of Seismic Damage Susceptibility in Bridges in Northwest Nevada," Civil Engineering Department, Report No. CCEER-93-10, University of Nevada, Reno, September 1993.

41. Saiidi, M., E. Hutchens, and D. Gardella, "Prestress Losses in A Post-Tensioned R/C Box Girder Bridge in Southern Nevada," Civil Engineering Department, Report No. CCEER-94-5, University of Nevada, Reno, October 1994.
42. Martin, T., M. Saiidi, and D. Sanders, "Seismic Retrofit of Column-Piercap Connections in Bridges in Northern Nevada," Civil Engineering Department, Report No. CCEER-95-4, University of Nevada, Reno, August 1995.
43. Saiidi, M. and E. Maragakis, "Identification of Trigger Wind Velocities to cause Vehicle Instability," Report to District II, Nevada Department of Transportation, Reno, Nevada, September 1995.
44. Wehbe, N., Saiidi, M., Sanders, D., and Douglas, B., "Ductility of Rectangular Reinforced Concrete Bridge Columns with Moderate Confinement," Civil Engineering Department, Report No. CCEER-95-3, University of Nevada, Reno, July 1995.
45. Darwish, I., M. Saiidi, and D. Sanders, "Experimental Study of Seismic Susceptibility of Tapered Bridge Column-Footing Connections," Civil Engineering Department, Report No. CCEER-95-5, University of Nevada, Reno, September 1995.
46. Griffin, G., Saiidi, M., and Maragakis, E., "Nonlinear Seismic Response Analysis of Isolated Bridges with Multiple Columns," Civil Engineering Department, Report No. CCEER-95-6, University of Nevada, Reno, November 1995.
47. Acharya, S., M. Saiidi, and D. Sanders, D., "Seismic Retrofit of Bridge Footings and Column-Footing Connections," Report for the Nevada Department of Transportation, Civil Engineering Department, Report No. CCEER-95-7, University of Nevada, Reno, November 1995.
48. Labia, Y., M. Saiidi, and B. Douglas, "Evaluation and Repair of Full-Scale Prestressed Concrete Box Girders," Report to the National Science Foundation, Civil Engineering Department, Report No. CCEER-96-2, University of Nevada, Reno, May 1996.
49. Darwish, I., M. Saiidi, and D. Sanders, "Seismic Retrofit of RC Oblong Tapered Bridge Columns with Inadequate Bar Anchorage in Columns and Footing," Civil Engineering Department, Report No. CCEER-96-3, University of Nevada, Reno, May 1996.
50. Wehbe, N., Saiidi, M., and D. Sanders, "Effect of Confinement and Flares on the Seismic Performance of Reinforced Concrete Bridge Columns," Civil Engineering Department, Report No. CCEER-97-2, University of Nevada, Reno, September 1997.
51. Darwish, I., M. Saiidi, G. Norris, and E. Maragakis, "Determination of In-Situ Footing Stiffness Using Full-Scale Dynamic Field Testing," Civil Engineering Department, Report No. CCEER-97-3, University of Nevada, Reno, October 1997.
52. Isakovic, T., M. Saiidi, and A. Itani, "Influence of New Bridge Configurations on Seismic Performance," Civil Engineering Department, Report No. CCEER-97-5, University of Nevada, Reno, September 1997.
53. Moore, R., M. Saiidi, and A. Itani, "Seismic Behavior of New Bridges with Skew and Curvature," Civil Engineering Department, Report No. CCEER-98-6, University of Nevada, Reno, October 1998.
54. Caywood, C., M. Saiidi, and D. Sanders, "Seismic Retrofit of Flared Bridge Columns with Steel Jackets," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER-99-1, February 1999.
55. Mangoba, N., M. Mayberry, and M. Saiidi, "Prestress Loss in Four Box Girder Bridges in Northern Nevada," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER-99-2, March 1999.

56. Abo-Shadi, N., M. Saiidi, and D. Sanders, "Seismic Response of Bridge Pier Walls in the Weak Direction," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER-99-3, April 1999 (Also published as Report 00-0006, Multidisciplinary Center for Earthquake Engineering Research, Buffalo, New York, July 2000).
57. Buzick, A. and M. Saiidi, "Shear Strength and Shear Fatigue Behavior of Full-Scale Prestressed Concrete Box Girders," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER-99-4, April 1999.
58. Randall, M., M. Saiidi, E. Maragakis, and T. Isakovic, "Restrainer Design Procedures for Multi-Span Simply-Supported Bridges," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER-99-5, April 1999 (Also published as Report 99-0011, Multidisciplinary Center for Earthquake Engineering Research, Buffalo, New York, July 1999).
59. Wehbe, N., and M. Saiidi, "User's Manual for RCMC v 1.2- A Computer Program for Moment-Curvature Analysis of Confined and Unconfined Reinforced Concrete Sections," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER-99-6, May 1999.
60. Sgambelluri, M., Sanders, D.H., and Saiidi, M., "Behavior of One-Way Reinforced Concrete Bridge Column Hinges in the Weak Direction," Report No. 99-12, Department of Civil Engineering, University of Nevada, Reno, December 1999.
61. Laplace, P., Sanders, D.H., Saiidi, M., and Douglas, B. "Shake Table Testing of Flexure Dominated Reinforced Concrete Bridge Columns," Report No. CCEER-99-13, Department of Civil Engineering, University of Nevada, Reno, December 1999.
62. Saiidi, M. and Wehbe, N., "A Comparison of Confinement Requirements in Different Codes for Rectangular, Circular, and Double-Spiral RC Bridge Columns," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER-00-2, January 2000.
63. McElhaney, B., M. Saiidi, and D. Sanders, "Shake Table Testing of Flared Bridge Columns With Steel Jacket Retrofit," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER-00-3, January 2000.
64. Martinovic, F., M. Saiidi, D. Sanders, and F. Gordaninejad, "Dynamic Testing of Non-Prismatic Reinforced Concrete Bridge Columns Retrofitted with FRP Jackets," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER-00-4, January 2000.
65. Itani, A. and M. Saiidi, "Seismic Evaluation of Steel Joints for UCLA Center for Health Science Westwood Replacement Hospital," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER-00-5, February 2000.
66. French, C., and M. Saiidi, "A Comparison of Static and Dynamic Performance of Models of Flared Bridge Columns," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER-00-7, October 2000.
67. Moore, J., D. Sanders, and M. Saiidi, "Shake Table Testing of 1960's Two Column Bent with Hinges Bases," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER 00-09, December 2000.
68. Vlassis, A., E. Maragakis, and M. Saiidi, "Experimental Evaluation of Seismic Performance of Bridge Restrainers," Report 00-0012, Multidisciplinary Center for Earthquake Engineering Research, Buffalo, New York, December 2000.

69. Asthana, M., D. Sanders, and M. Saiidi, "One-Way Reinforced Concrete Bridge Column Hinges in the Weak Direction," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER 00-10, April 2001.
70. Saiidi, M., J. Mortensen, and F. Martinovic, "Analysis and Retrofit of Fixed Flared Columns with Glass Fiber-Reinforced Plastic Jacketing," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER 01-4, August 2001.
71. Saiidi, M., A. Itani, I. Buckle, and Z. Cheng, "Performance of a Full-Scale Two-Story Wood Frame Structure Supported on Ever-Level Isolators," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER 01-5, October 2001.
72. Laplace, P., D. Sanders, and M. Saiidi, "Experimental Study and Analysis of Retrofitted Flexure and Shear Dominated Circular Reinforced Concrete Bridge Columns Subjected to Shake Table Excitation," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER 01-6, June 2001.
73. Pulido, C., M. Saiidi, D. Sanders, and A. Itani, "Seismic Performance and Retrofitting of Reinforced Concrete Bridge Bents," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER 02-1, January 2002.
74. Yang, Q., M. Saiidi, H. Wang, and A. Itani, "Influence of Ground Motion Incoherency on Earthquake Response of Multi-support Structures," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER 02-02, May 2002.
75. Saiidi, M., B. Gopalakrishnan, E. Reinhardt, and R. Siddharthan, "A Preliminary Study of Shake Table Response of A Two-Column Bridge Bent on Flexible Footings," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER 02-03, June 2002.
76. Banghart, A., Sanders, D., Saiidi, M., "Evaluation of Concrete Mixes for Filling the Steel Arches in the Galena Creek Bridge," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER 02-05, June 2002.
77. Mortensen, J., and M. Saiidi, "A Performance-Based Design Method for Confinement in Circular Columns," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER 02-07, November 2002.
78. Wehbe, N., and M. Saiidi, "User's manual for SPMC v. 1.0 : A Computer Program for Moment-Curvature Analysis of Reinforced Concrete Sections with Interlocking Spirals," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-03-1, May 2003.
79. Wehbe, N., and M. Saiidi, "User's manual for RCMC v. 2.0 : A Computer Program for Moment-Curvature Analysis of Confined and Unconfined Reinforced Concrete Sections," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-03-2, June 2003.
80. Griffin, G., and M. Saiidi, "Preliminary Study on A Simplified Response Spectrum Method for Incoherent Ground Motions of Bridges," 2001 NEHRP Professional Fellowship Report, No. PF2001-10, Earthquake Engineering Research Institute, Oakland, California, June 2003.
81. Nada, H., D. Sanders, and M. Saiidi, "Seismic Performance of RC Bridge Frames with Architectural-Flared Columns," Civil Engineering Department, University of Nevada, Reno, Report No. CCEER 03-3, January 2003.

82. Reinhardt, E., M. Saiidi, and R. Siddharthan, "Seismic Performance of a CFRP/ Concrete Bridge Bent on Flexible Footings." Civil Engineering Department, University of Nevada, Reno. Report No. CCEER 03-4, August 2003.
83. Johnson, N., M. Saiidi, A. Itani, and S. Ladkany, "Seismic Retrofit of Octagonal Columns with Pedestal and One-Way Hinge at the Base," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-03-5, August 2003.
84. Mortensen, C., M. Saiidi, and S. Ladkany, "Creep and Shrinkage Losses in Highly Variable Climates," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-03-6, September 2003.
85. Ayoub, C., M. Saiidi, and A. Itani, "A Study of Shape-Memory-Alloy-Reinforced Beams and Cubes," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-03-7, October 2003.
86. Chandane, S., D. Sanders, D., and M. Saiidi, "Static and Dynamic Performance of RC Bridge Bents with Architectural-Flared Columns," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER 03-08, December 2003.
87. Olaegbe, C., and M. Saiidi, "Effect of Loading History on Shake Table Performance of A Two-Column Bent with Infill Wall," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CEER 04-01, January 2004.
88. Johnson, R., E. Maragakis, M. Saiidi, R. DesRoches, and L. Barbero, "Experimental Evaluation of Seismic Performance of SMA Bridge Restrainers," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CEER 04-02, February 2004.
89. Moustafa, K., D. Sanders, and M. Saiidi, "Impact of Aspect Ratio on Two-Column Bent Seismic Performance," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CEER 04-03, March 2004.
90. Maragakis, E., Saiidi, M., Sanchez-Camargo, F., and Elfass, S., "Seismic Performance of Bridge Restrainers At In-Span Hinges," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-04-4, March 2004.
91. Correal, J., Saiidi, M. and Sanders, D., "Seismic Performance of RC Bridge Columns Reinforced with Two Interlocking Spirals," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-04-6, August 2004.
92. Sureshkumar, K., Saiidi, M., Itani, A., and Ladkany, S., "Seismic Retrofit of Two-Column Bents with Diamond Shape Columns," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-04-9, November 2004.
93. Wang, H., and M. Saiidi, "A Study of RC Columns with Shape Memory Alloy and Engineered Cementitious Composites," Center for Civil Engineering Earthquake Research,

- Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-05-1, January 2005.
94. Johnson, R., Saiidi, M. and Maragakis, E., "A Study of Fiber Reinforced Plastics for Seismic Bridge Restrainers," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-05-2, January 2005.
 95. Zadeh, M., M. Saiidi, A. Itani, et al. (6 more authors), "Seismic Vulnerability Evaluation and Retrofit Design of Las Vegas Downtown Viaduct," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-05-6, Also Published as Report No. 05-051 by the Nevada Department of Transportation, January 2005.
 96. Phan, V., M. Saiidi, and J. Anderson, "Near Fault (Near Field) Ground Motions Effects on Reinforced Concrete Bridge Columns," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-05-7, August 2005.
 97. Cheng, Z., Saiidi, M., and Sanders, D., "Development of a Seismic Design Method for Reinforced Concrete Two-Way Bridge Column Hinges," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-06-01, February 2006.
 98. Johnson, N., Saiidi, M., and Sanders, D., "Large-Scale Experimental and Analytical Studies of a Two-Span Reinforced Concrete Bridge System," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-06-02, March 2006.
 99. Saiidi, M., H. Ghasemi, and A. Tiras, "Second US-Turkey Workshop, Seismic Design and Retrofit of Highway Bridges," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-06-3, May 2006.
 100. O'Brien, M., M. Saiidi, and M. Sadrossadat-Zadeh, "A Study of Concrete Bridge Columns Using Innovative Materials Subjected to Cyclic Loading," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-07-1, January 2007.
 101. Sadrossadat-Zadeh, M., and M. Saiidi "Effect of Constant and Variable Strain Rates on Stress-Strain Properties and Yield Propagation in Steel Reinforcing Bars," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-07-2, February 2007.
 102. Sadrossadat-Zadeh, M., and M. Saiidi "Pre-Test Analytical Studies of NEESR-SG 4-Span Bridge Model Using OpenSees," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-07-3, February 2007.
 103. Nelson, R., M. Saiidi, and M. Zadeh, "Experimental Evaluation of Performance of Conventional Bridge Systems," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-07-4, October 2007.
 104. Choi, H., Saiidi, M., and Somerville, P., "Effects of Near-Fault Ground Motion and Fault-Rupture on the Seismic Response of Reinforced Concrete Bridges," Center for Civil

- Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Report No. CCEER-07-06, December 2007.
105. Doyle, K. and Saiidi, M., "Seismic Response of Telescopic Pipe Pin Connections," Center for Civil Engineering Earthquake Research, Department of Civil Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-08-01, February 2008.
 106. Saiidi, M., Ghasemi, H. and J. Hook, "Long Term Bridge Performance Monitoring, Assessment & Management," Proceedings, FHWA/NSF Workshop on Future Directions," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-08-04, September 2008.
 107. Brown, A. and M. Saiidi, "Investigation of Near-Fault Ground Motion Effects on Substandard Bridge Columns and Bents," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER- 09-1, July 2009.
 108. Hillis, D., and M. Saiidi, "Design, Construction, and Nonlinear Dynamic Analysis of Three Bridge Bents Used in a Bridge System Test," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-09-3, August 2009.
 109. Zaghi, A. E., and M. Saiidi, "Seismic Design of Pipe-Pin Connections in Concrete Bridges," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-10-01, January 2010.
 110. Cruz-Noguez, C., and M. Saiidi, "Experimental and Analytical Seismic Studies of a Four-Span Bridge System with Innovative Materials," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-10-4, September 2010.
 111. Vosooghi, A., and Saiidi, M., "Post-Earthquake Evaluation and Emergency Repair of Damaged RC Bridge Columns Using CFRP Materials," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-10-5, September 2010, 636 pp.
 112. Motaref, S., M. Saiidi, and D. Sanders, "Seismic Response of Precast Bridge Columns with Energy Dissipating Joints," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-11-1, May 2011, 760 pp.
 113. Saiidi, M., "Bridges of the Future- Widespread Implementation of Innovation, Proceedings of NSF International Workshop," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-12-01, January 2012, 304 pp.
 114. Larkin, A., D. Sanders, and M. Saiidi, "Unbonded Prestressed Columns for Earthquake Resistance," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-12-2, May 2012, 256 pp.
 115. Saiidi, M., et al., "Scan 11-02 Best Practices Regarding Performance of ABC Connections in Bridges Subjected to Multihazard and Extreme Events," NCHRP Project 20-68A, Scan 11-02, Transportation Research Board, October 2012.

116. Haber, Z., Saiidi, M., and Sanders, D., "Precast Column-Footing Connections for Accelerated Bridge Construction in Seismic Zones," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-13-08, May 2013, 502 pp.
117. Ardakani, S.M.S. and Saiidi, M.S., "Design of Reinforced Concrete Bridge Columns for Near-Fault Earthquakes," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-13-13, July 2013, 378 pp.
118. Kavianipour, F. and Saiidi, M.S., "Experimental and Analytical Seismic Studies of a Four-span Bridge System with Composite Piers," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-13-17, September 2013.
119. Saini, A. and Saiidi, M., "Performance-Based Probabilistic Damage Control Approach for Seismic Design of Bridge Columns," Center For Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-14-02, May 2014.
120. Saini, A. and Saiidi, M., "Post Earthquake Damage Repair of Various Reinforced Concrete Bridge Components," Center For Civil Engineering Earthquake Research, Department Of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-14-03, May 2014.
121. Nakashoji, B. and Saiidi, M., "Seismic Performance of Square Nickel-Titanium Reinforced ECC Columns with Headed Couplers," Center For Civil Engineering Earthquake Research, Department Of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-14-05, July 2014.
122. Tazarv, M., and M. Saiidi, "Next Generation of Bridge Columns for Accelerated Bridge Construction in High Seismic Zones," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-14-06, August 2014.
123. Mehrsoroush, A., and M. Saiidi, "Experimental and Analytical Seismic Studies of Bridge Piers with Innovative Pipe Pin Column Footing Connections and Precast Cap Beams," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-14-07, December 2014.
124. Akl, A. and Saiidi, M.S., "Time-Dependent Deflection of In-Span Hinges in Prestressed Concrete Box Girder Bridges," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-15-03, May 2015.
125. Tazarv, M. and Saiidi, M.S., "Design and Construction of Precast Bent Caps with Pocket Connections for High Seismic Regions," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-15-06, August 2015.
126. Tazarv, M. and Saiidi, M.S., "Design and Construction of Bridge Columns Incorporating Mechanical Bar Splices in Plastic Hinge Zones," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-15-07, August 2015.

127. Mehraein, M and Saiidi, M.S., “Seismic Performance of Bridge Column-Pile-Shaft Pin Connections for Application in Accelerated Bridge Construction,” Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-16-01, May 2016.
128. Varela Fontecha, S. and Saiidi, M.S., “Resilient Earthquake-Resistant Bridges Designed for Disassembly,” Center for Civil Engineering Earthquake Research, Department Of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-16-02, May 2016.
129. Jones, J, Ryan, K., and Saiidi, M, “Toward Successful Implementation of Prefabricated Deck Panels to Accelerate the Bridge Construction Process,” Center for Civil Engineering Earthquake Research, Department Of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-16-05, August 2016.
130. Mehrsoroush, A. and Saiidi, M., “Probabilistic Seismic Damage Assessment for Sub-standard Bridge Columns,” Center for Civil Engineering Earthquake Research, Department Of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-16-06, November 2016.
131. Saiidi, M., M. Tazarv, S. Varela, S. Bennion, M. Marsh, I. Ghorbani, and T. Murphy, “Seismic Evaluation of Bridge Columns with Energy Dissipating Mechanisms, Volume 1: Research Overview,” National Cooperative Highway Research Program Report 864, Transportation Research Board, February 2017.
132. Saiidi, M., M. Tazarv, S. Varela, S. Bennion, M. Marsh, I. Ghorbani, and T. Murphy, “Seismic Evaluation of Bridge Columns with Energy Dissipating Mechanisms, Volume 2: Guidelines,” National Cooperative Highway Research Program Report 864, Transportation Research Board, February 2017.
133. Mohebbi, A., Saiidi, M., and Itani, A., “Development and Seismic Evaluation of Pier Systems w/Pocket Connections, CFRP Tendons, and ECC/UHPC Columns,” Center For Civil Engineering Earthquake Research, Department Of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-17-02, June 2017.
134. Mehrsoroush, A., Saiidi, M., and Ryan, K., “Development of Earthquake-resistant Precast Pier Systems for Accelerated Bridge Construction in Nevada,” Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-17-03, June 2017.
135. Abdollahi, B., Saiidi, M., Siddharthan, R., and Elfass, S., “Shake Table Studies of Soil-Abutment-Structure Interaction in Skewed Bridges,” Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-17-04, July 2017.
136. Saiidi, M., M. Tazarv, S. Varela, S. Bennion, M. Marsh, I. Ghorbani, and T. Murphy, “Seismic Evaluation of Bridge Columns with Energy Dissipating Mechanisms, Volume 1 – Research Overview,” National Cooperative Highway Research Program, NCHRP Report 864, Transportation Research Board, Washington, DC, December 2017.
137. Saiidi, M., M. Tazarv, S. Varela, S. Bennion, M. Marsh, I. Ghorbani, and T. Murphy, “Seismic Evaluation of Bridge Columns with Energy Dissipating Mechanisms, Volume 2 – Guidelines,” National Cooperative Highway Research Program, NCHRP Report 864, Transportation Research Board, Washington, DC, December 2017.
138. Mohebbi, A., Jordan, E., and Saiidi, M., “Exploratory Experimental Studies of Spliced Cam Shape Memory Alloy Bars for Seismic Application,” Center for Civil Engineering

- Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-18-04, September 2018.
139. Benjumea, J., Saiidi, M., and Itani, A., "Experimental and Analytical Seismic Studies of a Two-Span Bridge System with Precast Concrete Elements and ABC Connections," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-19-02, May 2019.
 140. Subedi, D., Moustafa, M.A., and Saiidi, M., "Non-Proprietary UHPC for Anchorage of Large Diameter Column Bars in Grouted Ducts," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-19-03, May 2019.
 141. Shoushtari, E., Saiidi, M., Itani, A., and M. Moustafa, "Shake Table Studies of a Steel Girder Bridge System with ABC Connections," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-19-04, June 2019.
 142. Schwartz, T., Saiidi, M., and Moustafa, M., "Simplifying Cast-in-Place Joint Design Using ABC Pocket Connection Details in High Seismic Regions," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-20-01, January 2020.
 143. Shrestha, G., Saiidi, M., and Sanders, D., "Seismic Studies of Spliced Columns and Anchorage of Large Diameter Bars in Grouted Duct," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-20-02, February 2020.
 144. Saiidi, M., M. Mehraein, G. Shrestha, E. Jordan, A. Itani, M. Tazarv, T. Murphy, M. Reno, and M. Pohl, "Proposed AASHTO Seismic Specifications for ABC Column Connections," National Cooperative Highway Research Program, NCHRP Report 935, Transportation Research Board, Washington, DC, April 2020.
 145. Jones, J., Saiidi, M., and Itani, A. "Experimental and Analytical Studies of a Two-Span Bridge System with Precast Elements Incorporating Rebar Hinge and Socket Connections," Center for Civil Engineering Earthquake Research, Department of Civil and Environmental Engineering, University of Nevada, Reno, Nevada, Report No. CCEER-20-05, July 2020.

Presentations

Many of the presentations were by invitation. The invited presentations are marked by "*". In addition to those listed herein, many presentations were given at various technical committee meetings and to research committees of sponsoring organizations. Presentations by co-authors are not listed.

1. Saiidi, M., "Seismic Study of Imperial County Services Building," 2nd ASCE-EMD Structural Dynamics Specialty Conference, Atlanta, Georgia, January 1981.
2. Saiidi, M., "Research in Progress Report," Sixth Universities Council for Earthquake Engineering Research Conference, Urbana, Illinois, May 1980.
3. Saiidi, M. and K.E. Hodson, "Generalized Coordinate Approach in Nonlinear Seismic Analysis of Irregular R/C Structures," ACI Annual Convention, Atlanta, Georgia, January 1982.

4. Saiidi, M. and K.E. Hodson, "Earthquake Response of Irregular R/C Structures in the Nonlinear Range," Symposium on Advances and Trends in Structural and Solid Mechanics, Arlington, Virginia, October 1982.
5. Saiidi, M. and J.D. Hart, "Nonlinear Seismic Response of Short Reinforced Concrete Highway Bridges," Eighth World Conference on Earthquake Engineering, San Francisco, California, July 1984.
6. Saiidi, M., J.D. Hart, and B. Douglas, "Inelastic Analysis of Short Highway Bridges Subjected to Strong Ground Motions," Second International Conference on Recent Advances in Structural Dynamics, Southampton, England, April 1984.
7. Saiidi, M. and B. Douglas, "Performance of a R/C Highway Bridge Subjected to Design Earthquake Loads," Structures Congress, ASCE, San Francisco, California, October 1984.
8. Saiidi, M., "Approximate Methods for Inelastic Response Analysis of Reinforced Concrete Structures," ACI Annual Convention, Denver, Colorado, March 1985.
9. Saiidi, M., "Inelastic Analysis of Frames on a Microcomputer -Potential for Design Office Applications," International Conference on the Use of Computers in Civil Engineering, Toronto, Canada, August 1985.
10. Saiidi, M., "Inelastic Design Approaches for R/C Structures Under Lateral Loads - Approximate Methods," ASCE Structural Engineering Congress, Chicago, Illinois, September 1985.
11. Saiidi, M., D. Orie, and B. Douglas, "A Microcomputer CAD System for Seismic Design of Regular Highway Bridges," Ninth Conference on Electronic Computation, Birmingham, Alabama, February 1986.
12. *Saiidi, M. "Constructability of Reinforced Concrete Joints," ACI Annual Convention, San Francisco, California, March 1986.
13. Saiidi, M. and B. Douglas, "Response of a Ten-span Reinforced Concrete Bridge Subjected to Lateral Loading," ACI Annual Convention, San Francisco, California, March 1986.
14. *Saiidi, M., "Cast-In-Place Reinforced Concrete Connections," Second Century Skyscraper Conference, Council on Tall Buildings and Urban Habitats, Chicago, Illinois, January 1986.
15. *Saiidi, M., "Microcomputer-Aided Seismic Analysis of Highway Bridges, the ATC-6 Method," Structures Congress, ASCE, New Orleans, Louisiana, September 1986.
16. *Saiidi, M., J. Orie, and B. Douglas, "Tests on R/C Pinned Bridge Columns Subjected to Combined Shear and Flexure," Third Conference on Safety of Bridge Structures, Wroclaw, Poland, September 1987.
17. Saiidi, M., J. Orie, and B. Douglas, "The Behavior of R/C Pinned Bridge Columns Under Lateral Loading," Structures Congress, Orlando, Florida, August 1987.
18. *Saiidi, M. and P. Ferrari, "Cracking of a Tilt-Up Structure due to Dynamic Loads," Structures Congress, Orlando, Florida, August 1987.
19. *Douglas, B. and M. Saiidi, "Bridge Research at the University of Nevada, Reno," the U.S.-Japan Workshop on Performance and Strengthening of Bridge Structures, Tsukuba, Japan, May 1987.
20. Saiidi, M., T. Ho, and B. Douglas, "Prediction of the Ultimate Behavior of Retrofitted R/C Beams," ACI Convention, Seattle, Washington, November 1987.
21. *Saiidi, M., "Constructability of R/C Structures in Seismic Areas," ASCE Capital Branch Meeting, Carson City, Nevada, January 1988.

22. Saiidi, M., "Civil Engineering Education, Where Should We Be Going?" ASCE Zone 4 Management Conference, Phoenix, Arizona, February 1988.
23. *Saiidi, M., "Response of One-Way Hinged Piers Under Lateral Loads," presented at the U.S.-Japan Workshop on Highway Bridges, San Diego, California, May 1988.
24. Saiidi, M. and Y. Jiang, "Modeling the Hysteretic Response of Biaxially Bent R/C Columns by Four Springs," ASCE-EMD Specialty Conference, Blacksburg, Virginia, May 1988.
25. Saiidi, M., D. Bergman, and D. Straw, "Scaled Model Testing for Bridge Hinged Piers Subjected to Lateral Loads," presented at the NSF/ISU Bridge Research in Progress Symposium, Des Moines, Iowa, September 1988.
26. Saiidi, M. and J. Shields, "Direct Field Measurement of Prestress Losses in Box Girder Bridges," ACI Annual Convention, Atlanta, Georgia, February 1989.
27. *Saiidi, M. and G. Ghusn, "The Effect of Stiffness Degradation on the Three-Dimensional Seismic Response of Highway Bridges", ASCE Structures Congress, San Francisco, California, May 1989.
28. Saiidi, M., J. Shields, and R. Johnson, "Monitoring Prestress Forces in a Box Girder Bridge," NATO, U.S.-European Symposium on Bridges, Baltimore, Maryland, May 1990.
29. *Saiidi, M., "Understanding Bridges - From Field Testing to Laboratory Testing to Analytical Modeling," Technical University of Wroclaw, Wroclaw, Poland, April 1990.
30. *Saiidi, M., "Understanding Bridges - From Field Testing to Laboratory Testing to Analytical Modeling," Council of Highway Engineers, Starachowice, Poland, April 1990.
31. *Saiidi, M., "Understanding Bridges - From Field Testing to Laboratory Testing to Analytical Modeling," Road and Bridge Research Institute, Ministry of Transportation, Warsaw, Poland, April 1990.
32. *Saiidi, M., "Earthquake Resistant R/C Beam-to-Column Connections," International Concrete Conference, '90, Tehran, Iran, May 1990.
33. *Saiidi, M., "Understanding Bridges - From Field Testing to Laboratory Testing to Analytical Modeling," Amirkabir University (Tehran Polytechnic Institute), Tehran, Iran, May 1990.
34. *Saiidi, M., "Understanding Bridges - From Field Testing to Laboratory Testing to Analytical Modeling," College of Engineering, Tehran University, Tehran, Iran, May 1990.
35. *Saiidi, M., "Critical Aspects of Seismic Design for Reinforced Concrete Joints," Design Division, Ministry of Communications, Tehran, Iran, May 1990.
36. *Saiidi, M., E. Maragakis, and Y. Jiang, "An Approach to Evaluate the Sufficiency of Highway Bridges for Nuclear Spent Fuel Transportation," International High-Level Radioactive Waste Management Conference, Las Vegas, April 1991.
37. Maragakis, E. and M. Saiidi, "Evaluation of Seismic Response of Bridges with Hinge Restrainers," the First Annual Seismic Research Workshop, CALTRANS, Sacramento, California, December 1991.
38. Saiidi, M., J. Shields, D. O'Connor, and Eric Hutchens, "Variation of Prestress Forces in an Actual Bridge during the First 30 Months," ACI International Symposium on Bridge Engineering, Washington, D.C., March 1992.
39. *Saiidi, M., E. Maragakis, and G. Ghusn, "Pier Ductility Demand in 3-D Response of Base-Isolated Bridges", ASCE Structures Congress, San Antonio, Texas, April 1992.
40. Saiidi, M. and D. Sanders, "Bridge Seismic Rehabilitation Practice in the United States," Third International Workshop on Bridge Rehabilitation, Darmstadt, Germany, June 1992.

41. Saiidi, M. D. Straw, and B. Douglas, "Lateral Load Response of R/C Bridge Column One-Way Hinges," Proceedings, 1992 NSF Structures, Geomechanics, and Building Systems Grantee's Conference, San Juan, Puerto Rico, June 1992.
42. *Saiidi, M., "Our Strive toward Better Bridges - Testing, Analysis, and Design," Road and Bridge Research Institute, Ministry of Transportation, Warsaw, Poland, September 1992.
43. *Saiidi, M., "Our Strive toward Better Bridges - Testing, Analysis, and Design," Technical University of Darmstadt, Germany, September 1992.
44. *Saiidi, M., "Important Aspects of Concrete Bridge Response in Strong Earthquakes", Fourth International Conference on Safety of Bridge Structures, Wroclaw, Poland, September 1992.
45. *Saiidi, M., "Our Strive toward Better Bridges - Testing, Analysis, and Design," Technical University of Vienna, Austria, November 1992.
46. *Saiidi, M., "Our Strive toward Better Bridges - Testing, Analysis, and Design," Technical University of Graz, Austria, November 1992.
47. *Saiidi, M., "Our Strive toward Better Bridges - Testing, Analysis, and Design," University of Ljubljana, Slovenia, November 1992.
48. *Saiidi, M., "Cyclic Response of One-Way R/C Hinges," ACI Committee 341 Meeting, ACI Annual Convention, San Juan, Puerto Rico, October 1992.
49. *Saiidi, M., "Concrete Bridge Response in Strong Earthquakes," Second International Concrete Conference, '92, Tehran, Iran, November 1992.
50. *Saiidi, M., E. Maragakis, and G. Ghosn, "Seismic Isolation of Bridges," Post-Conference Seminar, Second International Concrete Conference, '92, Tehran, Iran, November 1992.
51. *Saiidi, M., E. Maragakis, and S. Abdelghaffar, "Seismic Restrainers in Bridges," Post-Conference Seminar, Second International Concrete Conference, '92, Tehran, Iran, November 1992.
52. *Saiidi, M., F. Gordaninejad, and N. Wehbe, "Study of Beams Constructed with Graphite/Epoxy Sections and Concrete Decks," Transportation Research Board Annual Meeting, Session 38, Washington, D.C., January 1993.
53. Saiidi, M., "Effects of Hinge Restrainers on the Seismic Response of Bridges," Second Annual Seismic Research Workshop, CALTRANS, Session IV, Sacramento, California, March 1993.
54. *Saiidi, M., "Performance of Codes and Retrofits," Symposium on Practical Lessons Learned from the Loma Prieta Earthquake, Earthquake Engineering Research Institute, San Francisco, California, March 1993.
55. Saiidi, M., "Observations on the Response of Hinge Restraint Systems in R/C Bridges," ACI Committee 341 Meeting, ACI Annual Convention, Vancouver, British Columbia, Canada, March 1993.
56. *Saiidi, M., "Lateral Load Strength of Pinned R/C Columns in the Strong Direction," American Association of Highway and Transportation Officials Bridges and Structures Meeting, Committee T-3, Concrete and Masonry, Denver, Colorado, May 1993.
57. *Saiidi, M., "Building and Bridge Damage during the August 1993 Guam Earthquake," American Society of Civil Engineers Truckee Meadows Branch Luncheon Meeting, Reno, Nevada, November 1993.
58. Saiidi, M., "Response of Concrete Bridges during the August 1993 Earthquake in Guam," ACI Committee 341 Meeting, ACI Convention, Minneapolis, Minnesota, November 1993.

59. *Saiidi, M., "Current Practice on Design of Bridges and Elevated Road Systems in the United States -- An Overview," The International Workshop on Civil Infrastructural Systems, Taipei, Taiwan, January 1994.
60. *Saiidi, M., E. Maragakis, D. Sanders, and D. O'Connor, "Seismic retrofit of Bridges in Northern Nevada," The Second US-Japan Workshop on Seismic Retrofit of Bridges, Berkeley, California, January 1994.
61. Saiidi, M., "Preliminary Report on the Bridge Damage during the 1994 Northridge Earthquake," Nevada Department of Transportation, Carson City, Nevada, January 1994.
62. *Saiidi, M., "A Review of the Damage Caused by the 1994 Northridge Earthquake," Nevada Society of Professional Engineers, Engineers Day Luncheon, February 1994.
63. *Saiidi, M., E. Maragakis, and D. Sanders, "Evaluation and Seismic Retrofit of Highway Bridge Substructures with Tapered Columns," The Tenth US-Japan Bridge Engineering Workshop, Lake Tahoe, Nevada, May 1994.
64. *Saiidi, M., "Bridge Damage Caused by the 1994 Northridge Earthquake," Capital Branch of ASCE, Carson City, Nevada, May 1994.
65. *Saiidi, M., B. Douglas, E. Maragakis, D. Sanders, F. Gordaninejad, and B. Rawat, "Recent Bridge Engineering Research at the University of Nevada, Reno," US-Slovak Conference on Bridge Engineering, Bratislava, Slovak Republic, June 1994.
66. *Saiidi, M., B. Douglas, E. Maragakis, D. Sanders, F. Gordaninejad, and B. Rawat, "Recent Bridge Engineering Research at the University of Nevada, Reno," US-Czech Conference on Bridge Engineering, Prague, Czech Republic, June 1994.
67. *Saiidi, M., B. Douglas, E. Maragakis, D. Sanders, F. Gordaninejad, and B. Rawat, "Recent Bridge Engineering Research at the University of Nevada, Reno," International Bridge Conference, Warsaw, Poland, June 1994.
68. Saiidi, M., E. Maragakis, and S. Feng, "Field Performance and Design Issues for Bridge Hinge Restrainers," Fifth US National Conference on Earthquake Engineering, Chicago, Illinois, July 1994.
69. Saiidi, M., B. Douglas, E. Maragakis, D. Sanders, F. Gordaninejad, and B. Rawat, "Infrastructure and Earthquake Engineering Research at the University of Nevada, Reno," US-Hungarian Workshop on Infrastructure, Budapest, Hungary, September 1994.
70. Saiidi, M., B. Douglas, E. Maragakis, D. Sanders, F. Gordaninejad, and B. Rawat, "Infrastructure and Earthquake Engineering Research at the University of Nevada, Reno," US-Romanian Workshop on Infrastructure, Bucharest, Romania, September 1994.
71. Saiidi, M., B. Douglas, E. Maragakis, D. Sanders, F. Gordaninejad, and B. Rawat, "Infrastructure and Earthquake Engineering Research at the University of Nevada, Reno," US-Romanian Workshop on Infrastructure, Timisoara, Romania, September 1994.
72. Saiidi, M., B. Douglas, E. Maragakis, D. Sanders, F. Gordaninejad, and B. Rawat, "Infrastructure and Earthquake Engineering Research at the University of Nevada, Reno," US-Moldovan Workshop on Infrastructure, Kishinev, Moldova, September 1994.
73. Saiidi, M., D. Sanders, B. Douglas, N. Wehbe, and S. Acharya, "Strength and Ductility of Rectangular R/C Bridge Columns," ACI Sozen Symposium, Tarpan Springs, Florida, October 1994.
74. Saiidi, M., "NSF EPSCoR-- the Bridge Engineering Cluster," EPSCoR Conference, Research and Economic Development in Nevada, Reno, Nevada, February 1995.
75. Saiidi, M., "Structural Components and Details, Capacity Detailing of Columns, Walls, and Piers," NCEER Highway Project Coordination Meeting, Buffalo, New York, May 1995.

76. *Saiidi, M., E. Maragakis, and G. Griffin, "Analytical Studies of the Response of Multi-Column Base Isolated Bridges," ASCE Engineering Mechanics Conference, Denver, Colorado, May 1995.
77. *Saiidi, M., "Performance of Concrete Bridges and other Structures during Recent Earthquakes," American Consulting Engineers Council of Nevada Luncheon, Sparks, Nevada, July 1995.
78. Saiidi, M., and E. Maragakis, "Effectiveness of Hinge Restrainers as A Seismic Retrofit Measure," Transportation Research Board, Fourth International Conference on Bridge Engineering, August 1995.
79. *Saiidi, M., "Seismic Response of Moderately Confined RC Columns," Dar-El Handasah, Shair and Associates, Cairo, Egypt, January 1996.
80. *Saiidi, M., "Seismic Restrainer Design and Performance," Dar-El Handasah, Shair and Associates, Cairo, Egypt, January 1996.
81. *Saiidi, M., "Seismic Retrofit of RC Bridge Components," Dar-El Handasah, Shair and Associates, Cairo, Egypt, January 1996.
82. Saiidi, M., "Impacting Public Issues," ASCE Zone IV Management Conference, Salt Lake City, Utah, February 1996.
83. Saiidi, M., D. Sanders, and N. Wehbe, "Seismic Response of Moderately Confined Columns," ACI Convention, Denver, Colorado, March 1996.
84. Saiidi, M., and N. Mangoba, "Field Monitoring of Prestress Forces in Four Box Girder Bridges Subjected to High Variation of Humidity," Fourth Bridge Research in Progress Workshop, Buffalo, New York, June 1996.
85. Saiidi, M., "Opportunities For Cooperative Research in Earthquake Engineering of Bridges," US/Central Europe Workshop on Civil Infrastructure Systems For The Next Century: A Global Partnership in Research, Cracow, Poland, October 1996.
86. Saiidi, M., "Seismic Performance and Retrofit of Fixed and Hinged RC Bridge Columns with Short Bar Anchorage," First International Conference on Earthquake Resistant Engineering Structures, Thessaloniki, Greece, October 1996.
87. Saiidi, M., "Retrofit of Bridge Columns with Fixed Jacket at the Base," ACI Convention, Committee 341, New Orleans, Louisiana, November 1996.
88. Saiidi, M., D. Sanders, B. Douglas, and N. Abo-Shadi, "Evaluation of the Seismic Response of Reinforced Concrete Pier Walls," NCEER Highway Project Coordination Meeting, Buffalo, New York, November 1996.
89. Saiidi, M. and E. Maragakis, "An Evaluation and Refinement of Longitudinal Bridge Restrainer Design Method in AASHTO," NCEER Highway Project Coordination Meeting, Buffalo, New York, November 1996.
90. Saiidi, M., Y. Labia, and B. Douglas, "Repair of a Full-scale Prestressed Concrete Box Girder and Fatigue Performance of the Repaired Girder," Second Symposium on Practical Solutions for Bridge Strengthening and Rehabilitation, BSAR II, Kansas City, Missouri, March 1997.
91. *Saiidi, M., D. Sanders, B. Douglas, and E. Maragakis, "Evaluation of Analytical and Experimental Methods for Bridges Subjected to Earthquakes," International Institute of Earthquake Engineering and Seismology, Tehran, Iran, June 1997.
92. *Saiidi, M., D. Sanders, B. Douglas, and E. Maragakis, "Developments in Analysis and Large-Scale Testing of Bridges at the University of Nevada, Reno," Polytechnic of Milan, Italy, June 1997.

93. *Saiidi, M., D. Sanders, B. Douglas, and E. Maragakis, "Developments in Analysis and Large-Scale Testing of Bridges at the University of Nevada, Reno," Joint Research Center, European Laboratory for Structural Assessment, Ispra, Italy, June 1997.
94. *Saiidi, M., E. Maragakis, T. Isakovic, and M. Randall, "Performance-Based Design of Seismic Restrainers for Simply-supported Bridges," International Workshop on Seismic Design Methodologies for the Next Generation of Codes, Bled, Slovenia, June 1997.
95. *Saiidi, M. and D. Sanders, "Seismic Retrofit of Highway Bridges in Northern Nevada," Proceedings, 214th American Chemical Society National Meeting, Division of Environmental Chemistry, Las Vegas, Nevada, September 1997.
96. Saiidi, M., D. Sanders, and B. McElhaney, "Shake-Table Testing of Large-Scale RC Flared Columns," American Concrete Institute Convention, Atlanta, Georgia, November 1997.
97. *Saiidi, M., and A. Itani, "Earthquake Engineering Research at the University of Nevada, Reno," Nevada Science and Technology Symposium, Las Vegas, Nevada, January 1998.
98. *Saiidi, M., D. Sanders, B. Douglas, and E. Maragakis, "Developments in Analysis and Large-Scale Testing of Bridges at the University of Nevada, Reno," Tongji University, Shanghai, China, January 1998.
99. *Saiidi, M., N. Wehbe, and D. Sanders, "Seismic Design of Column Confinement Steel for a Target Ductility Level," ACI Convention, Houston, Texas, March 1998.
100. Saiidi, M., N. Mangoba, and M. Mayberry, "Variation of Prestress Force in Four Concrete Bridges Subjected to High Range of Humidity," Second International Conference on Concrete under Severe Conditions - Environment and Loading (CONSEC-98), Tromso, Norway, June 1998.
101. Saiidi, M., T. Isakovic, and A. Itani, "Evaluation of New Concepts to Improve Seismic Performance of Concrete Bridges," Structural Engineering World Congress, San Francisco, California, July 1998.
102. *Saiidi, M., "Recent Research in Earthquake Engineering of Bridges at UNR," Civil Engineering Department Seminar, University of Nevada, Las Vegas, October 1998.
103. Darwish, I., M. Saiidi, E. Maragakis, and G. Norris, "Determination of In-Situ Footing Stiffness Using Full-Scale Dynamic Field Testing," ACI Convention, Los Angeles, California, October 1998.
104. *Saiidi, M., D. Sanders, B. McElhaney, and N. Wehbe, "Shear-Flexure Response of Flared Columns Tested on a Shake Table," ACI Convention, Los Angeles, California, October 1998.
105. *Saiidi, M., "Evaluation and Seismic Retrofit of Bridge Columns with Structural Flares," Civil Engineering Department, University of California, Berkeley, February 1999.
106. *Saiidi, M., F. Gordaninejad, D. Sanders, and A. Itani, "Controlled Seismic Response of Bridge Components and Systems with Application of New Materials," U.S./Japan Workshop on Smart Materials and New Technologies for Improvement of Seismic Performance of Urban Structures, Disaster Prevention Research Institute, Kyoto University, Kyoto, Japan, February 1999.
107. *Saiidi, M., F. Gordaninejad, D. Sanders, and A. Itani, "Controlled Seismic Response of Bridge Components and Systems with Application of New Materials," Japan Society for Promotion of Science, Tokyo, Japan, February 1999.
108. *Saiidi, M., A. Itani, and R. Moore, "Seismic Response of Bridges with Modern Configurations," ACI Convention, Session on Seismic Design of Concrete Bridges, Chicago, Illinois, March 1999.

109. *Saiidi, M., D. Sanders, F. Gordaninejad, B. McElhaney, and F. Martinovic, "Shake Table Evaluation of Seismic Retrofit for Reinforced Concrete Bridge Columns with Structural Flares," National Technical University of Athens, Greece, May 1999.
110. *Saiidi, M., "Seismic Strengthening of Bridges," University of Ljubljana, Slovenia, June 1999.
111. *Saiidi, M., D. Sanders, F. Gordaninejad, B. McElhaney, and F. Martinovic, "Glass and Carbon Fiber Composites in Shake Table Studies of Seismic Retrofit for Bridge Columns with Structural Flares," Swiss Federal Research Institute (EMPA), June 1999.
112. Saiidi, M., N. Wehbe, D. Sanders, and C. Caywood, "Steel Jacket Retrofit for Bridge Columns with Structural Flares," 8th Canadian Conference on Earthquake Engineering, Vancouver, British Columbia, Canada, June 1999.
113. *Saiidi, M., "Evaluation and Seismic Retrofit of Flared and Rectangular Reinforced Concrete Bridge Columns," School of Civil Engineering and Architecture, Northern Jiaotong University, Beijing, China, September 1999.
114. *Saiidi, M., "Experimental Studies and Nonlinear Dynamic Analysis of Bridge Components and Systems Subjected to Earthquakes," School of Civil Engineering and Architecture, Northern Jiaotong University, Beijing, China, September 1999.
115. *Saiidi, M., and Z. Cheng, "Rapid Repair of RC Bridge Columns for Moderate Ductility Using Fibrous Composites," ACI Convention, Session on Seismic Design and Retrofit of Concrete Bridges in Low to Moderate Seismic Regions, Baltimore, Maryland, November 1999.
116. *Saiidi, M., A. Itani, P. Laplace, and C. French, "Earthquake Engineering Research at the University of Nevada, Reno," Nevada Science and Technology Symposium, Las Vegas, Nevada, January 2000.
117. Saiidi, M, D. Sanders, F. Gordaninejad, F. Martinovic, and B. McElhaney, "Seismic Retrofit of Non Prismatic Bridge Columns with Fibrous Composites," Proceedings, 12th World Conference on Earthquake Engineering, Auckland, New Zealand, February 2000.
118. *Saiidi, M, D. Sanders, A. Itani, and E. Maragakis, "Aspects of Seismic Evaluation, Design, and Retrofit of Bridges- an Overview," Fifth Conference on Railway Transportation, Tehran, Iran, February 2000.
119. *Saiidi, M., "Lessons from Recent Research on Earthquake Behavior of Bridges," Department of Bridges and Structures, Iranian Islamic Republic Railways, Tehran, February 2000.
120. *Saiidi, M, I. Darwish, and D. Sanders, "Seismic Design of Steel-Encased, Concrete Column Connections to Footings," Sixth International Conference, Association for Steel-Concrete Composite Structures (ASCCS-6), Los Angeles, California, March 2000.
121. *Saiidi, M. Y. Labia, A. Buzick, and B. Douglas, "Fatigue Performance of Full-scale Prestressed Bridge Box Girders under High Shear," American Concrete Institute, San Diego, California, March 2000.
122. *Saiidi, M, D. Sanders, A. Itani, and E. Maragakis, "Ultimate Seismic Behavior, Analysis, and Design of Reinforced Concrete Bridge Elements and Systems- from Computer Simulation to Shake Table Studies," Third International Concrete Conference, Tehran, Iran, keynote address, May 2000.
123. *Saiidi, M., "Seismic Design Issues in Concrete Bridges," Workshop held in Conjunction with the Third International Concrete Conference, Amir Kabir University, Tehran, Iran, May 2000.

124. *Saiidi, M., "Earthquake Behavior and Design of Concrete Bridges- Recent Research," Civil Engineering Department Seminar, Sharif University, Tehran, Iran, May 2000.
125. *Saiidi, M. and N. Wehbe, "Confinement Steel Design and its Effect on Column Ductility," AASHTO Annual Bridge Engineers Conference, Committee T-3 Session, Charleston, South Carolina, June 2000.
126. Saiidi, M, and N. Mangoba, "Field Application of FRPs in Seismic Retrofit of a 16-span Bridge with Flared Columns," Third International Conference on Advanced Composite Materials in Bridges and Structures, Ottawa, Canada, August 2000.
127. Pulido, C., M. Saiidi, D. Sanders, and A. Itani, "Seismic Retrofit of Two-Column Drop Bent Cap Piers," Research in progress presentation to ACI Committee 341, Toronto, Canada, October 2000.
128. *Saiidi, M., "Earthquake Engineering Research on Reinforced Concrete Bridges at the University of Nevada, Reno," Hong Kong Polytechnic University, Hong Kong, China, November 2000.
129. *Saiidi, M, D. Sanders, A. Itani, and N. Wehbe, "Earthquake Response and Design of Reinforced Concrete Bridge Elements and Systems- from Computer Simulation to Shake Table Studies," International Symposium on Modern Concrete Composites & Infrastructure, Beijing, China, Invited Keynote Paper, November 2000.
130. *Pulido, C, M. Saiidi, D. Sanders, and A. Itani, "Seismic Performance and Retrofit of Reinforced Concrete Bridge Bents," International Society for Optical Engineering (SPIE) Sixth International Symposium on NDE for Health Monitoring and Diagnostics, Newport Beach, California, March 2001.
131. *Saiidi, M., and Z. Cheng, "Repair of Earthquake-damaged RC Flared Bridge Columns Using FRPs," Proceedings, the 9th International Conference on Structural Faults and Repairs - 2001, London, United Kingdom, July 2001.
132. *Kavlicoglu, B.M., F. Gordaninejad, M. Saiidi, and Y. Jiang, "Analysis and Testing of Graphite/Epoxy Concrete Bridge Girders Under Static Loading," Proceedings, the 9th International Conference on Structural Faults and Repairs - 2001, London, United Kingdom, July 2001.
133. Gopalakrishnan, B., M. Saiidi, and F. Gordaninejad, "Seismic Behavior Of A Bridge Pier with Innovative Fiber Composite and Concrete Elements," International Conference on FRP Composites in Civil Engineering, Hong Kong, December 2001, pp. 1345-1352.
134. Almusallam, T., and A. Mosallam, (Presented by M. Saiidi), "Durability and Long-Term Behavior of RC Beams Strengthened with FRP Composites," International Conference on FRP Composites in Civil Engineering, Hong Kong, December 2001.
135. *Saiidi, M., "Earthquakes and Nevada Bridges," Reno-Plumb Lion's Club, Reno, Nevada, March 2002.
136. *Saiidi, M., D. Sanders, A. Itani, E. Maragakis, and S. El-Azazy, "Current and Future Trends in Seismic Retrofit of Bridges," Invited Keynote Paper, Proceedings, First Conference on Strengthening and Retrofit of Structure," Tehran, Iran, May 2002.
137. *Saiidi, M., "Seismic Retrofit of Concrete Bridge Piers," College of Engineering Special Seminar, Tehran University, Tehran, Iran, May 2002.
138. Saiidi, M., F. Gordaninejad, B. Gopalakrishnan, and E. Reinhardt, "A New Application of CFRP Fabrics in Earthquake-Resistant RC Bridge Piers," Third International Conference on Composites in Infrastructure, San Francisco, California, June 2002, Paper No. 119.

139. *Saiidi, M., D. Sanders, A. Itani, S. El-Azazy, and F. Gordaninejad, "Seismic Safety and Performance of New and Retrofitted Two-Column Bridge Piers," First International Conference on Bridge Maintenance, Safety, and Management, Barcelona, Spain, July 2002, Paper No. 317.
140. Saiidi, M., and J. Mortensen, "A New Performance-Based Design for Spirals in Bridge Columns," 7th US Conference on Earthquake Engineering, Boston, Massachusetts, July 2002, Paper No. 214, Session 62, DC-5c, 10pp.
141. Saiidi, M., A. Itani, Q. Yang, and S. Ladkany, "Multifaceted Seismic Evaluation and Retrofit Study of A Major Viaduct," First International Conference and Annual Meeting of Asian-Pacific Network of Centers for Earthquake Engineering Research, Harbin, China, August 2002.
142. Saiidi, M., A. Itani, Q. Yang, and S. Ladkany, "Multifaceted Seismic Evaluation and Retrofit Study of A Major Viaduct," International Conference on Advances and New Challenges in Earthquake Engineering Research, Hong Kong, China, August 2002.
143. *Saiidi, M., A. Itani, Q. Yang, and T. Isakovic, "Seismic Performance and Retrofit of A 24-Span Freeway Bridge," US-China Workshop on Seismic Analysis and Design of Special Bridges, Shanghai, China, October 2002.
144. Saiidi, M., Q. Yang, and A. Itani, "Influence of Spatial Variability of Ground motion on Multiple-Span Long Bridges," ACI Convention, Session on Design of Long-Span Bridges, Phoenix, Arizona, October 2002.
145. *Saiidi, M., "US Network for Earthquake Engineering Simulation and Recent Studies at the University of Nevada, Reno," Tsinghua University, Beijing, China, March 2003.
146. *Saiidi, M., "US Network for Earthquake Engineering Simulation and Recent Studies at the University of Nevada, Reno," Korea Earthquake Engineering Research Center, Seoul National University, Seoul, Korea, March 2003.
147. *Saiidi, M., "US Network for Earthquake Engineering Simulation and Recent Studies at the University of Nevada, Reno," Kyung Hee University, Seoul, Korea, March 2003.
148. Saiidi, M., and J. Mortensen, "Simple Curvature-Based Confinement Steel Design of Spiral Columns," ACI Convention, Session on Performance-Based Design of Bridge Columns, Vancouver, Canada, March 2003.
149. Saiidi, M., J. Correal, D. Sanders, and S. El-Azazy, "Seismic Response of Flexure-Dominate Bridge Columns with Interlocking Spirals," ACI Convention, Session on Developments in the Seismic Design and Retrofitting of Bridges, Vancouver, Canada, April 2003.
150. *Saiidi, M., "Seismic Performance of New and Retrofitted Reinforced Concrete Bridge Columns and Piers," Mid-America Earthquake (MAE) Center, University of Illinois, Urbana-Champaign, April 2003.
151. *Saiidi, M., "NEES Challenge— Cooperation between A Small University and A NEES Site," First Annual Meeting, NEES Consortium, Park City, Utah, May 2003.
152. *Saiidi, M., (Via Internet) "Aspects of Earthquake Engineering of Concrete Bridges," Board of European Students of Technology, held at University of Ljubljana, Slovenia, July 2003.
153. *Saiidi, M., A. Itani, N. Johnson, J. Mortensen, and S. Ladkany, "Shake Table Response of Bridge Columns," Proceedings, Earthquake Resistant Engineering Structures- IV, Invited, Ancona, Italy, September 2003.

154. *Johnson, N., M. Saiidi, and A. Itani, "Seismic Retrofit Strategies for Substandard Single-Column Bents Supported on Pedestals," Proceedings, 2nd US-China Workshop on Seismic Analysis and Design of Special Bridges, Buffalo, New York, December 2003, Session V.
155. *Saiidi, M., and N. Mangoba, "Seismic Retrofit of A 16-Span Viaduct in Nevada- from Research to Field Implementation," Transportation Research Board, Washington, DC, January 2004.
156. Saiidi, M., A. Itani, N. Johnson, and S. Ladkany, "Seismic Evaluation and Retrofit of Octagonal Columns with Pedestals," ACI Convention, Session on Seismic Assessment and Retrofit Techniques for Concrete Bridges, Washington, DC, March 2004.
157. *Saiidi, M., "Structural Health Monitoring for Post-Disaster Decision Making- A Brief Perspective in Earthquake Engineering of Bridges," FHWA Virtual Team on Structural Health Monitoring Meeting, University of California, Irvine, March 2004.
158. Correal, J., M. Saiidi, D. Sanders, and S. El-Azazy, "Shake Table Studies of Bridge Columns with Double Interlocking Spirals," Paper No. 2198, Session M3-2, 13th World Conference on Earthquake Engineering, Vancouver, British Columbia, Canada, August 2004.
159. Moustafa, K., D. Sanders, M. Saiidi, and S. El-Azazy, "Shake Table Testing and Analysis of Two-Column Bents," Paper No. 2501, Session W3-6, 13th World Conference on Earthquake Engineering, Vancouver, British Columbia, Canada, August 2004.
160. *Saiidi, M., A. Itani, D. Sanders, and E. Maragakis, "Seismic Retrofit of Bridges," Invited Keynote Presentation, VIII Mexican Symposium on Earthquake Engineering, Tlaxcala, Mexico, September 2004.
161. Saiidi, M., A. Itani, D. Sanders, and E. Maragakis, "Conventional and New Seismic Retrofit Methods for Bridges," Plenary Speech, 2nd US-Turkey Workshop on Seismic Design and Retrofit of Highway Bridges, Ankara, Turkey, September 2004.
162. *Saiidi, M., "Aspects of New and Standard Bridge Seismic Retrofit,: Invited Distinguished Speaker, 2004 Student Leadership Conference, Sponsored by Multidisciplinary Center for Earthquake Engineering Research, University of New York, Buffalo, held in Reno, Nevada, October 2004.
163. *Saiidi, M., "Discovering New Frontiers of Bridge Earthquake Engineering," College of Engineering Advisory Board Corporate Partners Program, University of Nevada, Reno, October 2004.
164. Saiidi, M., and H. Wang, "Shake Table Response of Shape Memory Alloy Reinforced Concrete Bridge Columns," ACI Convention, San Francisco, California, October 2004.
165. Saiidi, M., A. Itani, K. Sureshkumar, and S. Ladkany, "Seismic Retrofit of Bridge Bents with Diamond Shape RC Columns," Proceedings, 2nd International Conference on Bridge Maintenance, Safety, and Management, Paper No. TuE-H, Kyoto, Japan, October 2004.
166. *Saiidi, M., N. Johnson, A. Itani, and S. Ladkany, "Earthquake Performance and Retrofit of Bridge Column/Pedestal Piers," Proceedings, 2nd International Conference on Bridge Maintenance, Safety, and Management, Paper No. WE-C2, Kyoto, Japan, October 2004.
167. *Saiidi, M., R. Nelson, and P. Laplace, "Internal and External Sensing for Post-Earthquake Evaluation of Bridges," North-American Euro-Pacific Workshop on Sensing Issues in Civil Structural Health Monitoring, Honolulu, Hawaii, November 2004, pp. 135-144.
168. Saiidi, M., "A New Era in Earthquake Engineering of Bridges at UNR through NSF-NEES," Nevada Department of Transportation, Carson City, Nevada, December 2004.

169. *Saiidi, M., "A New Era in Earthquake Engineering of Bridges at UNR through NSF-NEES," California Department of Transportation, Sacramento, California, December 2004.
170. *Saiidi, M., "Lessons Learned from Shake Table Testing of RC Columns in Relation to Post-Earthquake Evaluation," Society for Experimental Mechanics, IMAC 23 Conference, Orlando, Florida, February 2005.
171. *Saiidi, M., "Recent Findings on Near-Fault Earthquake Effects on Bridge Columns Designed for Far-Field Earthquakes," Federal Highway Administration, McLean, Virginia, February 2005.
172. *Saiidi, M., "An Update on NSF NEES-Funded Comprehensive Study of Bridges at the University of Nevada," Federal Highway Administration, McLean, Virginia, February 2005.
173. *Saiidi, M. "NEES-Demonstration Study: Large-Scale Shake Table Testing of a Two-Span Bridge," NEES Board Meeting, Reno, Nevada, February 2005.
174. *Saiidi, M., "Soil-Foundation-Structure Interaction Studies through An NSF NEES Demonstration project," US-Japan Workshop on Large-Scale Testing on the Seismic Performance of Bridges, San Francisco, California, February 2005.
175. *Saiidi, M., "A Comprehensive Study of Bridge Systems Using Large-Scale Shake Table Testing," US-Japan Workshop on Large-Scale Testing on the Seismic Performance of Bridges, San Francisco, California, February 2005.
176. *Saiidi, M., E. Reinhardt, and B. Gopalakrishnan, "Seismic Retrofit Demand in Bridge Piers Supported on Shallow Footings," ACI Convention, New York City, New York, April 2005.
177. *Saiidi, M., "Update on Bridge Earthquake Engineering Research at the University of Nevada, Reno," University of Nevada, Las Vegas, Nevada, April 2005.
178. *Saiidi, M., "Development of the Office of Undergraduate Research at the University of Nevada, Reno," University of Nevada, Las Vegas, Nevada, April 2005.
179. *Saiidi, M., "Collaboration Lessons Learned from a Pre-NEESR Bridge SFSI Project at the University of Nevada, Reno," Invited Plenary Presentation, NEES Third Annual Meeting, Minneapolis, Minnesota, May 2005.
180. *Saiidi, M., "An Overview of New Initiatives in Bridge Earthquake Engineering Research at the University of Nevada, Reno," Tahoe Truckee Engineers Association Meeting, Truckee, California, May 2005.
181. *Saiidi, M., and H. Wang, "Innovative materials for bridge seismic design," Invited Paper, Earthquake Resistant Engineering Structures 5, International Conference, Skiathos, Greece, May 2005.
182. *Saiidi, M., D. Sanders, N. Johnson, M. Eberhard, and T. Ranf, "Earthquake Response Studies of A Large-Scale, Two-Span Bridge Model on Shake Tables," First US-Portugal International Workshop- Grand Challenges in Earthquake Engineering, "Lamego, Portugal, Paper 3.1-3.9, July 2005.
183. *Saiidi, M., "Network of Earthquake Engineering Research Facilities at the University of Nevada, Reno," First US-Portugal International Workshop- Grand Challenges in Earthquake Engineering, "Lamego, Portugal, July 2005.
184. *Saiidi, M., D. Sanders, N. Johnson, M. Eberhard, and T. Ranf, "An Update on Pre-NEES Study: Earthquake Response Studies of A Large-Scale, Two-Span Bridge Model on Shake Tables," Fourth Planning Meeting for NEES/E-Defense Collaboration, E-Defense, Kobe-Miki, Japan, August 2005.

185. *Saiidi, M., "NEESR-SG Project on Four-Span Bridge Tests and Collaboration with Japan-E-Defense," Fourth Planning Meeting for NEES/E-Defense Collaboration, E-Defense, Kobe-Miki, Japan, August 2005.
186. *Saiidi, M., "A New Era of Bridge Earthquake Engineering Research," Civil Engineering Department, University of Ljubljana, Ljubljana, Slovenia, October 2005.
187. *Saiidi, M., "A New Era of Bridge Earthquake Engineering Research," European Center for Training and Research in Earthquake Engineering, Pavia, Italy, October 2005.
188. *Saiidi, M., "A New Era of Bridge Earthquake Engineering Research," Civil Engineering Department, Sharif University, Tehran, Iran, October 2005.
189. *Correal, J., M. Saiidi, and D. Sanders, "Seismic Design Issues in Bridge Columns with Interlocking Spirals," Proceedings, Paper No. 01-503, Caltrans Bridge Research Conference, Sacramento, California, October-November 2005.
190. *Saiidi, M., "Experimental Seismic Studies of Concrete Bridges," Third International Workshop, Structural Concrete in the Americas, Kansas City, Missouri, November 2005.
191. Saiidi, M., "Seismic Studies of Large-Scale Bridge Systems on Shake Tables," ACI Committee 341, Earthquake Resistant Concrete Bridges, ACI Fall Meeting, Kansas City, Missouri, November 2005.
192. Saiidi, M., R. Johnson, and E. Maragakis, "An Exploratory Study of FRP Seismic Restrainers Subjected to Dynamic Loads," 7th International Symposium on Fiber Reinforced Polymer Reinforcement for Reinforced Concrete Structures, Kansas City, Missouri, November 2005.
193. *Saiidi, M., E. Maragakis, D. Sanders, J. Anderson, R. Johnson, V. Phan, Z. Cheng, and H. Wang, "Recent Earthquake Engineering Research at UNR- Four Examples: FRP Restrainers, Near-Fault Effects, Column Hinges, and Shape Memory Alloy Columns," 2005 Asia-Pacific Network of Centers for Earthquake Engineering Research, Jeju, Korea, November 2005.
194. *Saiidi, M., "Shake Table Testing of Bridge Systems and Design Implications," TRB Committee AFF50, Transportation Research Board 85th Annual Meeting, Washington, DC, January 2006.
195. Saiidi, M., "Five Examples of Recent Bridge Earthquake Engineering Research at the University of Nevada, Reno," Fourth International Workshop on Seismic Design and Retrofit of Transportation Facilities, Reno, Nevada, March 2006.
196. *Saiidi, M., Z. Cheng, and D. Sanders, "New Seismic Design for RC Two-Way Bridge Column Hinges," ACI Convention, Charlotte, North Carolina, March 2006.
197. Johnson, N., Ranf, R., Saiidi, M., Sanders, D., and M. Eberhard, "Shake Table Studies of a Two-Span Reinforced Concrete Bridge," Eighth US National Conference on Earthquake Engineering, Session W20, San Francisco, California, April 2006.
198. Saiidi, M., and V. Phan, "An Exploratory Experimental and Analytical Study of Near-Fault Ground Motion Effects on Reinforced Concrete Bridge Columns," Eighth US National Conference on Earthquake Engineering, Session W64, San Francisco, California, April 2006.
199. Saiidi, M., "Earthquake Studies of a Two-Span Reinforced Concrete Bridge System with Variable Column Heights," Plenary Presentation, NEES Fourth Annual Meeting, Washington, DC, June 2006.
200. Saiidi, M., "Collaborative Study of Biaxial Seismic Response of Bridge Systems," NEES Fourth Annual Meeting, Washington, DC, June 2006.

201. *Saiidi, M., M. Zadeh, and M. O'Brien, "Analysis of Reinforced Concrete Bridge Columns with Shape Memory Alloy and Engineered Cementitious Composites under Cyclic Loads," 3rd International Conference on Bridge Maintenance, Safety, and Management, Porto, Portugal, July 2006.
202. *Zhu, Z., A. Mirmiran, and M. Saiidi, "Seismic Performance of Reinforced Concrete Bridge Columns Encased in Fiber Composite Tube," 3rd International Conference on Bridge Maintenance, Safety, and Management, Porto, Portugal, July 2006.
203. *Saiidi, M. "Earthquake Studies of Large-Scale Bridge Models," Summer Camp, K-12 Outreach Program, University of Nevada, Reno, July 2006.
204. *Saiidi, M., V. Phan, J. Anderson, and H. Ghasemi, "Near Fault Earthquake Design Consideration for Reinforced Concrete Bridge Columns," Second US-Taiwan Bridge Engineering Workshop, Session on Natural Hazard and Emergency Response, San Francisco, California, September 2006.
205. *Saiidi, M., "Earthquake Engineering Research on Reinforced Concrete Bridges," National Biennial Conference on Concrete Structures and Materials, ASOCRETO, Cartagena, Colombia, September 2006.
206. *Saiidi, M., "Lessons Learned from Three Recent Earthquake Engineering Research Projects at the University of Nevada, Reno: FRP Restrainers, Column Hinges, and Near-Fault Earthquake Effects," University of Los Andes, Civil and Environmental Engineering Department, Bogota, Columbia, September 2006.
207. *Saiidi, M., "Lessons Learned from Recent Shake Table Tests of Bridge Elements and Systems at the University of Nevada, Reno," Stanford University, Civil and Environmental Engineering Department, Stanford, California, October 2006.
208. *Saiidi, M., "Earthquake Engineering Research of Large-Scale Bridge Models," Civil and Environmental Engineering Department, George Washington University, Washington, DC, October 2006.
209. *Saiidi, M., "Long-Term Bridge Performance Monitoring- Developing Plans for Future Directions," First FHWA/NSF Workshop on Long-Term Bridge Performance Program, Las Vegas, Nevada, January 2007.
210. *Saiidi, M., "Recommendations for Future Directions of Long-Term Bridge Performance Monitoring- Results from Workshop I," Session 368- FHWA's Long-Term Bridge Performance Program, Transportation Research Board 86th Annual Meeting, Washington, DC, January 2007.
211. *Saiidi, M., " Earthquake Engineering Research on Bridges: Component and System Studies," Davidson Academy of Reno for Profoundly Gifted Students, Reno, Nevada, March 2007.
212. *Saiidi, M., P. Somerville, and H. Choi, "Lessons from Shake Table Studies of Concrete Bridge Column Subjected to Near-Fault Earthquakes," Fourth International Workshop, Structural Concrete in the Americas, Atlanta, Georgia, April 2007.
213. *Saiidi, M., "Shake Table and Analytical Studies of Concrete Structures," Fifth International Seismology and Earthquake Engineering Conference, Tehran, Iran, May 2007.
214. Saiidi, M., R. Nelson, S. Zadeh, and I. Buckle, "Shake Table Studies of a 4-Span Reinforced Concrete Bridge Model," 2007 Asia-Pacific Network of Centers for Earthquake Engineering Research, Session VA, Hong Kong, China, May 2007.

215. Choi, H., M. Saiidi, and P. Somerville, "Response of RC Bridge Columns under Impulsive Near-Fault Earthquakes," 2007 Asia-Pacific Network of Centers for Earthquake Engineering Research, Session VA, Hong Kong, China, May 2007.
216. *Johnson, N., M. Saiidi, and D. Sanders, "Aspects of Shake Table Studies of A Large-Scale, Two-Span Bridge," Invited Paper, Earthquake Resistant Engineering Structures 6, International Conference, Bologna, Italy, June 2007.
217. *Saiidi, M., "Shake Table Studies of A Large-Scale Conventional RC Bridges Subjected to Bidirectional Motions," Task Group 11 Meeting, European Association of Earthquake Engineering, Crete, Greece, June 2007.
218. Saiidi, M., "Large-Scale 4-Span Bridge Model Studies using Shake Tables and Hybrid System Facilities at the University of Nevada, Reno," Plenary Session, NEES Fifth Annual Meeting, Snowbird, Utah, June 2007.
219. *Saiidi, M., and H. Ghasemi, "Report on the First FHWA/NSF International Workshop on Long-Term Bridge Performance Monitoring," Western Association of State Highway and Transportation Officials Annual Meeting, Las Vegas, Nevada, July 2007.
220. *Saiidi, M., and H. Ghasemi, "Future Direction of the US-FHWA Program on Long-Term Bridge Performance Monitoring- The First Workshop Recommendations," Bridge Seminar Series in Honor of Professor Yozo Fujino, University of Tokyo, Japan, July 2007.
221. *Saiidi, M., "NEESR Research on Large-Scale 4-Span Bridge Model Studies using Shake Tables and International Collaboration," E-Defense-NEES Seminar on Earthquake Engineering of Bridges, World Trade Center, Tokyo, Japan, July 2007.
222. Saiidi, M., "Evaluating Caltrans RC Bridge Columns after Earthquakes," Roberts/Gerwick's Conference, ASCE, Sacramento, California, September 2007.
223. Saiidi, M. "NEESR - Experimental Response of Large-Scale Four-Span Bridge," US-Japan NEES-E-Defense Workshop, Kobe, Japan, September 2007.
224. Saiidi, M., "Superelastic Shape Memory Alloy Reinforced Concrete," CANSMART 2007, 10th Canadian Conference on Smart Materials, Montreal, Canada, October 2007.
225. *Saiidi, M., and H. Choi, "A Shake Table Study of Near-Fault Earthquake Effects on RC Bridge Columns," ACI Convention, Session on Towards Better Bridge Design and Analysis: Lessons Learned from Recent Strong Earthquakes, Fajardo, Puerto Rico, October 2007.
226. *Saiidi, M., "Shape Memory Alloy Reinforcement," ACI Subcommittee 318-F, New Materials, Products, and Ideas, ACI Convention, Session on Towards Better Bridge Design and Analysis: Lessons Learned from Recent Strong Earthquakes, Fajardo, Puerto Rico, October 2007.
227. *Saiidi, M., "Concrete Bridge Seismic Research at UNR- Examples of Component, Advanced Material, and System Studies," Nevada Infrastructure Concrete Conference, Reno, Nevada, November 2007.
228. *Saiidi, M., "Reducing Earthquake Damage in Bridges with Advanced Materials," International Workshop on Advanced Structures and Materials, University of Nebraska, Lincoln, Nebraska, November 2007.
229. *Saiidi, M., "Bridge Earthquake Engineering Research- Examples of Components, Advanced Materials, and System Studies," Department of Civil and Environmental Engineering, Florida International University, Miami, Florida, November 2007.

230. *Zaghi, A., and M. Saiidi, "Mechanism of Shear Force Transfer in RC Columns with Pipe Pins," Tenth Pan American Congress of Applied Mechanics, Cancun, Mexico, January 2008.
231. *Saiidi, M., "Seismic Performance of Bridge Systems with Conventional and Innovative Design- A Webinar Presentation," NEES Headquarters, Webcast live twice to 250 registrants nationwide, Davis, California, March 2008.
232. Saiidi, M., "Results from Shake Table Studies of a Large-Scale Conventional four-Span Reinforced Concrete Bridge," ACI Committee 341, Earthquake-Resistant Concrete Bridges, ACI Convention, Los Angeles, California, March 2008.
233. *Saiidi, M., "Seismic Studies of Bridges and other Systems at UNR- Recent Examples," John A. Martin and Associates, Los Angeles, California, March 2008.
234. Saiidi, M., R. Nelson, M. Zadeh, and I. Buckle, "Seismic Performance of a Large-Scale 4-Span Bridge Model Subjected to Shake Table Testing," National Concrete Bridge Conference, St. Louis, Missouri, May 2008.
235. Saiidi, M., "Experimental Studies of Shake Memory Alloy Reinforced Concrete Columns under Seismic Loads," National Concrete Bridge Conference, St. Louis, Missouri, May 2008.
236. *Saiidi, M., "Examples of Evolution in Experimental Studies of Concrete Bridge Seismic Response," Seminar in Honor of 2008 ACI President, Luis Garcia, University of Los Andes, Bogota, Columbia, May 2008.
237. *Saiidi, M., "Evolution in Experimental Studies of Concrete Bridge Seismic Response," Keynote Presentation, The Third International Conference on Bridges," Tehran, Iran, May 2008.
238. *Saiidi, M., "Preventing and Coping with Earthquake Damage in Concrete Bridge Columns," Special Workshop, The Third International Conference on Bridges," Tehran, Iran, May 2008.
239. Saiidi, M., "NEESR Aftershock- How a Pre-NEES Project Led to Fault-Rupture Studies of a Two-Span Bridge Model at UNR NEES Facility," NEES Sixth Annual Meeting, Portland, Oregon, June 2008.
240. Saiidi, M., "Lessons Learned from Shake Table Studies of a 32-Meter Long, 4-Span RC Bridge with Conventional Details," Plenary Session, NEES Sixth Annual Meeting, Portland, Oregon, June 2008.
241. *Saiidi, M., "Managing Seismic Performance of Highway Bridges-Evolution in Experimental Research," Keynote Address, 4th International Conference on Bridge Maintenance, Safety, and Management, Seoul, S. Korea, July 2008.
242. *Vosooghi, A., M. Saiidi, and S. El-Azazy, "Post-Earthquake Evaluation of Reinforced Concrete Bridge Columns," 4th International Conference on Bridge Maintenance, Safety, and Management, Seoul, S. Korea, July 2008.
243. Choi, H., M. Saiidi, P. Somerville, and S. El-Azazy, "Seismic Performance of a Two-Span Bridge Subjected to Fault-Rupture," 4th International Conference on Bridge Maintenance, Safety, and Management, Seoul, S. Korea, July 2008.
244. Johnson, N., M. Saiidi, and D. Sanders, "Nonlinear Modeling of a Two-Span Reinforced Concrete Bridge Model from Pre-Yield through Failure Utilizing Contemporary Analytical Methods," 4th International Conference on Bridge Maintenance, Safety, and Management, Seoul, S. Korea, July 2008.

245. *Saiidi, M., "Undergraduate Research and Earthquake Studies of a Large-Scale 4-Span Bridge Model - A Webinar Presentation," Webcast live to five NSF sites hosting NEES summer REU students nationwide, Reno, Nevada, July 2008.
246. *Brown, A., and M. Saiidi, "Investigation of Near-Fault vs. Far Field Ground Motion Effects on a Substandard Bridge Bent," , 24th US-Japan Bridge Engineering Workshop, Minneapolis, Minnesota, Session 3, September 2008, pp. 111-121.
247. *Saiidi, M., "Key Developments in Experimental Studies of the Seismic Response of Bridges," Civil Engineering Seminar Series, Civil Engineering Department, Rutgers, the State University of New Jersey, New Brunswick, New Jersey, October 2008.
248. *Saiidi, M., "Lessons from Bridge Earthquake Engineering Experimental Research - The 1989 Loma Prieta Earthquake Milestone," two seminars, Caltrans Education Committee, Observance of the 19th Anniversary of the Loma Prieta Earthquake, Sacramento, California, October 2008.
249. *Saiidi, M., "Retrofit and Repair of Concrete Bridges for Earthquakes," Keynote Speech, First International Conference on Seismic Retrofitting, Tabriz, Iran, October 2008.
250. *Saiidi, M., "Seismic Retrofit Design of Bridges," Design Workshop, First International Conference on Seismic Retrofitting, Tabriz, Iran, October 2008.
251. Saiidi, M., S. Motaref, and D. Sanders, "A Study of Precast Bridge Columns with Innovative Plastic Hinges with Built-In Elastomers," ACI Convention, Session Titled "Accelerated Bridge Design and Construction," St. Louis, Missouri, November 2008.
252. *Vosooghi, A., and M. Saiidi, "Seismic Damage States for Bridge Columns and Correlation with Performance Parameters," ACI Convention, Session Titled "The Spirit of Structural Concrete in Performance Based Seismic Design of Bridges, Part 1," St. Louis, Missouri, November 2008.
253. *Saiidi, M., and A. Vosooghi, "Emergency Seismic Damage Repair of RC Bridge Columns," ACI Convention, Session Titled "The Spirit of Structural Concrete in Performance Based Seismic Design of Bridges, Part 2," St. Louis, Missouri, November 2008.
254. Vosooghi, A., M. Saiidi, and J. Gutierrez, "Rapid Repair of RC Bridge Columns Subjected to Earthquakes," 2nd International Conference on Concrete Repair, Rehabilitation, and Retrofitting, Cape Town, S. Africa, November 2008.
255. *Saiidi, M., "Issues on Rapid Repair of Earthquake Damages Concrete Bridge Columns," Meeting of TRB Committee AFF50, Seismic Design and Performance of Bridges, Transportation Research Board 88th Annual Meeting, Washington, DC, January 2009.
256. *Saiidi, M., "Minimizing Bridge Earthquake Damage and residual Drift with Conventional and Advanced Materials," Session 438, New Bridge Systems for Post-Earthquake Serviceability, Transportation Research Board 88th Annual Meeting, Washington, DC, January 2009.
257. *Saiidi, M., "Precast Columns with Innovative Details Under Earthquake Loads," Accelerated Bridge Construction, Session Sponsored by TRB Committee AFF50, Transportation Research Board 88th Annual Meeting, Washington, DC, January 2009.
258. *Saiidi, M., "Overview of UNR NEES Research on Seismic Response of Bridge Systems," Session 600, Network for Earthquake Engineering Simulation Program, Transportation Research Board 88th Annual Meeting, Washington, DC, January 2009.

259. *Saiidi, M., “Fragility Modeling for Near-Fault Bridges and Rapid Bridge Repair Procedures,” Invitational Meeting, Bridge Fragility Modeling: Recent Advances and Future Directions, FHWA, San Francisco, CA, January 2009.
260. *Saiidi, M., “Sustainable Future Bridges under Earthquake Loading, Part 1 – Advanced Materials,” Special 100th Seminar; University of Ljubljana, Slovenia; also presented at the Institute of Earthquake Engineering and Engineering Seismology, Skopje, Macedonia.
261. *Saiidi, M., S. Motaref, and D. Sanders, “Sustainable Future Bridges under Earthquake Loading, Part 2 – Accelerated Bridge Construction,” Special 100th Seminar; University of Ljubljana, Slovenia; also presented at the Institute of Earthquake Engineering and Engineering Seismology, Skopje, Macedonia.
262. *Saiidi, M., “Overview of Recently Completed Research Projects in the Large-Scale Structures Laboratory at UNR,” UNR-MTS Meeting with Delegation from P.R. China, Reno, Nevada, April 2009.
263. *Saiidi, M. “Advanced Materials and Details in A New Generation of Earthquake-Resistant Concrete Bridges,” Keynote Address, 8th International Congress on Civil Engineering, Shiraz, Iran, May 2009.
264. *Saiidi, M. “Repair Design of Earthquake-Damaged Reinforced Concrete Columns,” Special Workshop on Seismic Bridge Design, 8th International Congress on Civil Engineering, Shiraz, Iran, May 2009.
265. *Saiidi, M. “Seismic Design of Steel Pipe Connections in Accelerated Bridge Construction,” Special Workshop on Seismic Bridge Design, 8th International Congress on Civil Engineering, Shiraz, Iran, May 2009.
266. *Saiidi, M., “SMA-Reinforced Concrete Bridge Columns Subjected to Earthquakes,” FHWA Workshop on SMAs in Transportation Earthquake Engineering,” FHWA Turner-Fairbanks, McLean, Virginia, May 2009.
267. *Cruz, C., M. Saiidi, and D. Hillis, “Pretest Seismic Analysis of a 4-Span Bridge Model with Advanced Materials,” First International Conference on Computational Technologies in Concrete Structures (CTCS '09), Session W4A, Jeju, S. Korea, May 2009.
268. *Zaghi, A. and M. Saiidi, “A Simple Nonlinear Model for Pipe-Pin Shear Keys in Concrete Bridges – Bearing Failure Mode,” First International Conference on Computational Technologies in Concrete Structures (CTCS '09), Session W4A, Jeju, S. Korea, May 2009.
269. *Saiidi, M., and C. Cruz, “Shake Table Studies of a 4-Span Bridge System with High-Performance Materials and Details,” Plenary Session, NEES Seventh Annual Meeting, Honolulu, Hawaii, June 2009.
270. *Saiidi, M., “Shake Table Studies of a 110-ft Long, 4-Span Concrete Bridge with Innovative Column Details,” 2009 AASHTO Subcommittee on Bridges and Structures Annual Meeting, New Orleans, Louisiana, July 2009.
271. *Saiidi, M., “Segmental Bridge Columns w/ Damage-Free Plastic Hinges,” International Specialty Workshop on Seismic Connection Details for Segmental Bridge Construction,” Seattle, Washington, July 2009.
272. *Saiidi, M., “Undergraduate Research and Earthquake Studies of Two, 110-ft Long 4-Span Bridge Models - A Webinar Presentation,” Webcast live to seven NSF sites hosting NEES summer REU students nationwide, Reno, Nevada, July 2009.
273. *Saiidi, M., “Lessons from Recent Research on Seismic Response of Bridge components and Systems,” Nevada Department of Transportation, Structures Division, Carson City, Nevada, August 2009.

274. *Saiidi, M., C. Cruz, and D. Hillis, "High-Performance Materials in Earthquake-Resistant Concrete Bridges," Keynote Address, Fifth International Structural engineering and Construction Conference (ISEC-5), Las Vegas, Nevada, September 2009.
275. *Vosooghi, A., and M. Saiidi, "Rapid Repair of High-Shear Earthquake-Damaged RC Bridge Columns," Proceedings, the 25th US-Japan Bridge Engineering Workshop, Tsukuba, Japan, Session 7, October 2009.
276. *Saiidi, M., "Recent Findings from Bridge Earthquake Engineering Research using High-Performance Materials and Details- Four Examples," Extended Seminar (2-Hour Long), Caltrans Earthquake Engineering Committee Seminar, California Department of Transportation, Sacramento, California, October 2009.
277. *Saiidi, M., "Resilient Concrete Bridges with Advanced Materials," Beyer Distinguished Lecture Series, Department of Civil and Environmental Engineering, University of Houston, Houston, Texas, November 2009.
278. *Saiidi, M., and C. Cruz, "Damage-Free RC Bridges under Seismic Loads," ACI Annual Conference, Session Titled: "How Do You Spice Up A Concrete Bridge to be Earthquake Resistant?" New Orleans, Louisiana, November 2009.
279. *Motaref, S., M. Saiidi, and D. Sanders, "Shake Table Response of Multi-Segment Reinforced Concrete Columns," Development of Precast Connection Details for Bridges in Moderate to High Seismic Regions, Session Sponsored by TRB Committee AFF30 and AFF50, Transportation Research Board 89th Annual Meeting, Washington, DC, January 2010.
280. *Motaref, S., M. Saiidi, and D. Sanders, "Shake Table Response of Precast Bridge Columns with Advanced Materials," Seismic ABC Collaboration, Session Sponsored by TRB Committee AFF50, Transportation Research Board 89th Annual Meeting, Washington, DC, January 2010.
281. *Motaref, S., M. Saiidi, and D. Sanders, "Shake Table Response of Multi-Segment Reinforced Concrete Columns," Caltrans Earthquake Engineering Committee Seminar, California Department of Transportation, Sacramento, California, January 2010.
282. *Motaref, S., M. Saiidi, and D. Sanders, "Shake Table Response of Precast Bridge Columns with Advanced Materials," Caltrans Earthquake Engineering Committee Seminar, California Department of Transportation, Sacramento, California, January 2010.
283. *Saiidi, M. "Earthquake-Resistant Segmental and Precast Columns for Accelerated Bridge Construction," Seminar Series, Department of Civil and Environmental Engineering, University of California, Irvine, California, February 2010.
284. Saiidi, M. "Seismic Performance of Concrete Bridges with Advanced Materials," Seminar Series, Department of Civil and Environmental Engineering, University of California, Los Angeles, California, February 2010.
285. Saiidi, M. "Seismic Performance of Concrete Bridges with Advanced Materials," Seminar Series, Department of Civil and Environmental Engineering, University of Southern California, Los Angeles, California, February 2010.
286. Saiidi, M., "Advanced Materials, Rapid Repair, and Precast Bridge Piers- Examples of Recent Research on Earthquake Response of Bridges," Extended Seminar (90-minute long) Japan Society of Civil Engineers, Tokyo, Japan, February 2010.
287. *Cruz, C., M. Saiidi, and D. Hillis, "Analytical Study of a 4-Span Bridge with Advanced Materials," 4th International Workshop on Reliable Engineering Computing, Singapore, March 2010.

288. Saiidi, M., "Shake Table Response of Multi-Segment Reinforced Concrete Columns," Sixth International Workshop, Structural Concrete in the Americas, Chicago, Illinois, March 2010.
289. *Saiidi, M., "Findings from Recent Studies of Concrete Column Seismic Response," ACI Committee 341, Earthquake-Resistant Concrete Bridges, ACI Convention, Chicago, Illinois, March 2010.
290. Saiidi, M., "Sustainable Earthquake-Resistant Bridges Incorporating Innovations and ABC," Session No. 19, Seismic/Substructures, 2010 FHWA Bridge Engineering Conference: Highway for Life and Accelerated Bridge Construction, Orlando, Florida, April 2010.
291. *Saiidi, M., "Future Earthquake-Resistant Concrete Bridges," Department of Civil Engineering, Hunan University, Changsha, China, July 2010.
292. *Cruz-Noguyez, C, and M. Saiidi, "Simulated Response of Bridges with Advanced Materials under Near-Fault Earthquakes," 3rd World Science and Engineering Academy and Society International Conference on Engineering Mechanics, Structures, and Engineering Geology, Korfu, Greece, July 2010.
293. *Saiidi, M., "Modeling of Bridges for Inelastic Seismic Analysis," Special Session, TG-11, 14th European Conference on Earthquake Engineering, Ohrid, Macedonia, August-September 2010.
294. *Saiidi, M., "Seismic Studies of 4-Span Bridges under Near-Fault Earthquakes at UNR," Special Session, TG-11, 14th European Conference on Earthquake Engineering, Ohrid, Macedonia, August-September 2010.
295. *Saiidi, M., "Earthquake-Resistant Concrete Bridges with Advanced Materials and Rapid Construction," Seminar, Swiss Federal Laboratories for Materials Science and Technology, EMPA, Zurich, Switzerland, September 2010.
296. *Saiidi, M., "NEES Research at the University of Nevada, Reno," NEESComm Annual NSF Site Review Meeting, Purdue University, W. Lafayette, Indiana, September 2010.
297. *Saiidi, M., F. Kavianipour, C. Cruz, D. Hillis, and R. Nelson, "Shake Table Response of Four-Span Bridges with Advanced Materials," Quake Summit 2010, NEES and PEER Annual Meeting, San Francisco, California, October 2010.
298. *Saiidi, M., "Seismic Repair Vs. Seismic Retrofit of Reinforced Concrete Bridge Columns-Similarities and Differences," Keynote Address, Third International Conference on Seismic Retrofitting, Tabriz, Iran, October 2010.
299. *Saiidi, M., S. Motaref, C. Cruz, M. O'Brien, and H. Wang, "Seismic Response of Bridge Columns with Engineered Cementitious Composites," ACI Fall 2010 Convention, Session Titled: "High-Performance Concrete for Seismic Design of Bridges" Pittsburgh, Pennsylvania, October 2010.
300. *Saiidi, M., "Learning from Shake Table Tests of Three, 110'-Long, 4-Span Bridge Models with Conventional and Innovative Materials," Bridges 2010, Bridges: Design, Construction, and Retrofitting, San Francisco, California November 2010.
301. Motaref, S., M. Saiidi, and D. Sanders, "An Experimental Study of Precast Bridge Columns with Built-In Elastomers," 7th International Bridge Engineering Conference, Transportation Research Board, San Antonio, Texas, December 2010.
302. *Saiidi, M., and F. Kavianipour, "Accelerated Bridge Construction Techniques in Shake Table Testing of a 110-ft Long 4-Span Bridge Model," Seismic ABC Collaboration,

- Session Sponsored by TRB Committee AFF50, Transportation Research Board 90th Annual Meeting, Washington, DC, January 2011.
303. *Saiidi, M., "Recent Research on Bridge Seismic Response --A Very Brief Overview," TRB Committee AFF50 Technical Presentation, Transportation Research Board 90th Annual Meeting, Washington, DC, January 2011.
 304. Saiidi, M., "Transforming Bridge Engineering through Innovation and Advanced Materials," Meeting of Center for Advanced Technology in Bridges and Infrastructure, 1st Middle Eastern Conference on Smart Materials Monitoring, Assessment and Rehabilitation of Civil Structures, Dubai, UAE, February 2011.
 305. *Saiidi, M., and C. Cruz, "Performance of Advanced Materials and Details during Shake Table Tests of a 4-Span Bridge Model," 1st Middle Eastern Conference on Smart Materials Monitoring, Assessment and Rehabilitation of Civil Structures, Dubai, UAE, February 2011.
 306. *Saiidi, M., and F. Kavianipour, "Shake Table Performance of a 4-Span Bridge with Precast FRP Composite Piers," ACI Committee 341, Earthquake-Resistant Concrete Bridges, ACI Convention, Tampa, Florida, April 2011.
 307. Saiidi, M., "Seismic Performance of Bridges with Advanced Materials," NSF Workshop on Bridges of the Future- Widespread Implementation of Innovation An International Workshop to Develop Action Plans, Las Vegas, Nevada, June 2011.
 308. *Kavianipour, F. and M. Saiidi, "Experimental and Analytical Study of a 4-span Bridge with Composite Piers," Quake Summit 2011, NEES and MCEER Annual Meeting, Buffalo, New York, June 2011.
 309. *Saiidi, M., "Seismic Performance of Bridges with Advanced Materials," Plenary Speech, 1st Costa Rican Conference on Transportation Infrastructure, University of Costa Rica, Jan Jose, Costa Rica, June 2011.
 310. *Saiidi, M., "Earthquake-Resistant Bridges of the Future with Advanced Materials," Bled 4 Workshop: Performance-Based Seismic Engineering- Vision for an Earthquake Resilient Society, Lake Bled, Slovenia, June 2011.
 311. *Saiidi, M., "Damage-Free Earthquake-Resistant Bridges with Advanced Materials," National Center for Research in Earthquake Engineering (NCREE) Seminar, Taipei, Taiwan, July 2011.
 312. *Saiidi, M. and S. Ardakani, "Residual Displacements in RC Bridge Columns Subjected to Near-Fault Earthquakes," Keynote Speech, 6th New York City Bridge Conference, New York City, New York July 2011.
 313. *Saiidi, M., R. Nelson, C. Cruz, F. Kavianipour, and M. Raffiee, "Seismic Performance of Bridge Systems with Conventional and Innovative Design," Poster presented at the NSF Hazards Research Showcase, United States Senate, Washington, DC, September 2011.
 314. * Saiidi, M., A. Vosooghi, A. Zaghi, S. Motaref, and C. Cruz, "Innovative Earthquake-Resistant Bridges- Repair, Connections, and Materials," Keynote Speech, International Conference IBSBI 2011, Innovations on Bridges and Soil-Bridge Interaction, Athens, Greece, October 2011.
 315. * Saiidi, M., A. Vosooghi, Z. Haber, S. Motaref, and C. Cruz, and D. Sanders, "Next Generation of Earthquake-Resistant Bridges," Keynote Speech, International Conference EQADS 2011, Earthquake Analysis and Design of Structures, Coimbatore, India, December 2011.

316. Hua, Z., J. Li, and M. Saiidi, "Evaluation of Performance of A Skew Bridge in Wenchuan 2008 Earthquake," International Symposium on Engineering Lessons Learned from the Giant Earthquake, One Year After the Great East Japan Earthquake," Tokyo, Japan, March 2012.
317. *Saiidi, M., A. Vosooghi, C. Cruz, S. Motaref, C. Ayoub, F. Kavianipour, Z. Haber, M. O'Brien, and D. Sanders, "Earthquake-Resistant Bridges of the Future with Advanced Materials," Keynote Speech, Ninth International Congress on Civil Engineering, 9ICCE, Isfahan, Iran, May 2012.
318. *Saiidi, M., "Accelerated Bridge Construction under Seismic Loading," Ninth International Congress on Civil Engineering, 9ICCE, Isfahan, Iran, May 2012.
319. *Tazarv, M., and M. Saiidi, "Mitigation of Residual Displacement of RC Bridge Columns by Shape Memory Alloy under Seismic Loads," Fifth European Conference on Structural Control, EACS 2012, Paper No. 085, Genova, Italy, June 2012.
320. Kavianipour, F., and M. Saiidi, "Shake Table Testing of A Quarter-Scale 4-Span Bridge With Composite Piers," Special Session, Organizer: Saiidi, Advanced Technologies in Standard Bridges- from Research to Implementation," International Conference on Bridge Maintenance, Safety, and Management, Stresa, Italy, July 2012.
321. *Saiidi, M., "Innovation in Accelerated Bridges Construction in High Seismic Zones," Distinguished Lecture Series, Civil and Environmental Engineering Department, University of Houston, September 2012.
322. *Saiidi, M., "Seismic Performance of Bridges of the Future," Keynote Speech, First Annual Missouri S&T Transportation Infrastructure Conference, Rolla, Missouri, September 2012.
323. *Saiidi, M., "Earthquake-Resistant Connections for Accelerated Bridge Construction-Summary of Scan 11-02," ACI Committee 341, Earthquake-Resistant Concrete Bridges, ACI Convention, Toronto, Canada, October 2012.
324. *Saiidi, M., A. Vosooghi, and A. Saini, "Probabilistic Damage Control Approach (PDCA) for Seismic Design of Bridge Columns," Session on Forming A Framework for Performance-Based Seismic Design of Concrete Bridges, ACI Convention, Toronto, Canada, October 2012.
325. *Saiidi, M., "NSF Panel 3- Infrastructure and Environmental Engineering," Group presentation, Second Annual NSF Workshop on Sciences behind Sustainability Quantification for Building and Infrastructure Design, Engineering, and Construction (S2QBIDEC), Ft. Worth, Texas, November 2012.
326. *Saiidi, M., "Connections For Accelerated Bridge Construction Under Multi-Hazard Loading- Findings From Scan 11-02," FHWA, McLean, Virginia, November 2012.
327. *Saiidi, M., "Shape Memory Alloy and High-Performance Grout in Earthquake-Resistant Bridges- from Research to Implementation," The Fifth Kwang-Hua Forum on Innovations and Implementations in Earthquake Engineering Research," Shanghai, China, December 2012.
328. *Saiidi, M., "Concepts, Investigations, and Implementation of Novel Materials to Improve Post-Earthquake Serviceability of Highway Bridges," "Session on Innovative and Resilient Seismic Systems," Transportation Research Board 92nd Annual Meeting, Washington, DC, January 2013.

329. *Saiidi, M., "Couplers in Plastic Hinges of Bridge Columns in SDC C and D- Deviation from the AASHTO Requirement," TRB Committee AFF50 Technical Presentation, Transportation Research Board 92nd Annual Meeting, Washington, DC, January 2013.
330. *Saiidi, M., "Recommendations and Suggested Research- NCHRP 20-68A – US Domestic Scan Program Scan 11-02 ," TRB Committee AFF50 Meeting on Seismic Research Problem Statement: System Performance of Accelerated Bridge Construction (ABC) Connections in Moderate-to-High Seismic Regions, Transportation Research Board 92nd Annual Meeting, Washington, DC, January 2013.
331. *Saiidi, M., "Innovative Materials and Details in Earthquake-Resistant Bridges of the Future," Plenary Presentation, 2nd International Symposium on Geotechnical and Structural Earthquake Engineering, Bogota, Columbia, February 2013.
332. *Saiidi, M., "Innovation in Accelerated Bridges Construction in High Seismic Zones," Seminar, University of Los Andes, Civil and Environmental Engineering Department, Bogota, Columbia, February 2013.
333. *Saiidi, M., and F. Kaviani-pour, "Shake Table Seismic Studies of a 4-Span Bridge Model with Composite Piers," FHWA, McLean, Virginia, April 2013.
334. *Saiidi, M., H. Choi, and P. Somerville, "Effect of Fault Rupture on Shake Table Response of a Reinforced Concrete Bridge," ASCE, Structural Engineering Institute, Structures Congress 2013, Session BR310, Pittsburgh, Pennsylvania, May 2013.
335. *Saiidi, M., A. Saini, and A. Vosooghi, "Towards Probabilistic Performance-Based Seismic Design of Bridge Columns," Technical Workshop A, Trends on Seismic Design session, 7th National Seismic Conference on Bridges and Highways, Oakland, California, May 2013.
336. *Saini, A., A. Vosooghi, and M. Saiidi, "Probabilistic Performance-Based Seismic Design of Bridge Columns," 4th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, COMPDYN, Session MS17, Kos Island, Greece, June 2013.
337. *Haber, Z, M. Saiidi, and D. Sanders, "Emulative Column-Footing Connections for Seismic Design in Accelerated Bridge Construction," 4th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, COMPDYN, Session MS14, Kos Island, Greece, June 2013.
338. Saiidi, M., Saini, A., and A. Vosooghi, "Probabilistic Damage Control Seismic Design of Bridges using Structural Reliability Concepts," 11th International Conference on Structural Reliability Safety and Reliability, ICOSSAR, Session Earthquake VI, New York City, New York, June 2013.
339. *Saiidi, M., J. Li, Z. Hua, "Shake Table Studies of A Two-Span Bridge with Restrainers and Dampers," 4th Workshop on China-USA Collaboration for Disaster Evolution/Resilience of Civil Infrastructure and Urban Environment, Reno, Nevada, August 2013.
340. *Saiidi, M., J. Bingle, B. Nakashoji, and B. Khaleghi, "Seismic Performance of Bridge Systems with Innovative Design- Deployment of Research," Western Bridge Engineers' Seminar, Bellevue, Session 8D, Washington, September 2013.
341. Saiidi, M., "Research, Development, and Implementation of Smart Materials in Earthquake-Resistant Bridges," Meeting of Center for Advanced Technology in Bridges and Infrastructure (CATBI), 2nd Conference on Smart Materials Monitoring, Assessment and Rehabilitation of Civil Structures, Istanbul, Turkey, September 2013.

342. *Varela, S., and M. Saiidi, "Shear Behavior of Engineered Cementitious Composite (ECC) Structural Members," 2nd Conference on Smart Materials Monitoring, Assessment and Rehabilitation of Civil Structures, Istanbul, Turkey, September 2013.
343. Tazarv, M., Z. Haber, and M. Saiidi, "Precast Column Connections for Accelerated Bridge Construction in High Seismic Regions," Prestressed Concrete Institute Annual Conference, Emerging Bridge Technology Session, Grapevine, Texas, September 2013.
344. Akl, A., M. Saiidi, A. Vosooghi, "Field Studies of Post-Tensioned Bridge Hinge Curl," Prestressed Concrete Institute Annual Conference, Owner Observations- New Policy Coming Session, Grapevine, Texas, September 2013.
345. Saiidi, M., and A. Saini, "Post-Earthquake Damage Repair of Various Reinforced Concrete Bridge Components," ACI Committee 341 session, Sustainable Solutions for Seismic Repair of Bridges, ACI Fall Convention, Phoenix, Arizona, October 2013.
346. *Saiidi, M., "New Horizons on Seismic Bridge Design, Construction, and Repair," Center of Excellence for Engineering and Management of Infrastructures, School of Civil Engineering, College of Engineering, Tehran University, Tehran, Iran, November 2013.
347. *Saiidi, M., "New Horizons on Seismic Bridge Design, Construction, and Repair," Center of Excellence in Structures and Earthquake Engineering (CESEE), School of Civil Engineering, College of Engineering, Sharif University, Tehran, Iran, November 2013.
348. *Saiidi, M., "Novel Materials in Earthquake Design of Bridges," Center for Roads, Housing, and Urban Development Research, Ministry of Housing, Tehran, Iran, November 2013.
349. *Saiidi, M., "Probabilistic Seismic Design and Novel Materials- Recent Research on Bridge Seismic Design, Construction, and Repair," Fulbright Scholar Seminar, University of Buenos Aires, Argentina, December 2013.
350. *Saiidi, M., "Design for Deconstruction, Accelerated Bridge Construction, Column Damage- Recent Research on Bridge Seismic Design, Construction, and Repair," Fulbright Scholar Seminar, University of Buenos Aires, Argentina, December 2013.
351. *Saiidi, M., "Practical Lessons from Recent Bridge Earthquake Engineering Research," Fulbright Scholar Seminar for Bridge Engineering Division, Ministry of Transportation, Buenos Aires, Argentina, December 2013.
352. *Saiidi, M., "Seismic Performance, Material Characteristics, and Research on SMA/ECC Column Models of the Alaska Way Viaduct SR-99 On-Ramp Bridge Structure," State of Washington Department of Transportation, Olympia, Washington, January 2014.
353. *Saiidi, M., "Accelerated Bridge Construction Connections under Seismic Loads," TRB Committee AFF50 Technical Presentation, Transportation Research Board 93rd Annual Meeting, Washington, DC, January 2014.
354. *Saiidi, M., "Developments and Examples of Recent Research on Earthquake Engineering of Bridges at UNR," Monthly Meeting, American Council of Engineering Companies, Reno, Nevada, February 2014.
355. *Saiidi, M., "Update on UNR ABC Seismic Research- Couplers in Plastic Hinges," Annual AASHTO Bridge Meetings, Sub-Committee T-3: Bridge Seismic Session, Columbus, Ohio, June 2014.
356. *Saiidi, M., "Seismic Aspects of USDOT University Transportation Center on Accelerated Bridge Construction," Annual AASHTO Bridge Meetings, Sub-Committee T-3: Bridge Seismic, Columbus, Ohio, June 2014

357. *Mehrsoroush, A., and M. Saiidi, "Seismic Performance of Two-Column Bridge Piers with Innovative Precast Members and Pipe Pin Connections," "Special Session, Extreme Load Performance and Design of Bridges for Accelerated Bridge Construction," 7th International Conference on Bridge Maintenance, Safety, and Management, Shanghai, China, July 2014.
358. Mehrosoroush, A., and M. Saiidi, "Earthquake-Resistant Telescopic Pipe Pin Column Base Connections for Accelerated Bridge Construction," Tenth US National Conference on Earthquake Engineering, Anchorage, Alaska, July 2014.
359. *Saini, A., and M. Saiidi, "Post-Earthquake Damage Repair of Various Reinforced Concrete Bridge Components," Special session: Seismic rehabilitation and retrofit of structures, 2nd European Conference on Earthquake Engineering and Seismology, Istanbul, Turkey, August 2014.
360. *Saiidi, M., M. Tazarv, B. Nakashoji, S. Varela, and F. Kavianipour, "Resilient and Sustainable Bridges of the Future," Keynote Speech, Second International Conference on Innovation in Bridges and Soil-Structure Interaction, IBSBI 2014, Athens, Greece, October 2014.
361. *Saiidi, M., "Innovation and Implementation in Seismic Design of Bridges," Aristotle University of Thessaloniki, Thessaloniki, Greece, November 2014.
362. *Varela, S., and M. Saiidi, "Resilient Bridge Columns with Copper-Based Shape Memory Alloy Reinforcement," The Sixth Kwang-Hua Forum on Innovations and Implementations in Earthquake Engineering Research," Shanghai, China, December 2014.
363. *Saiidi, M., "Seismic Design of Column Base Pipe Pin Connections," TRB Committee AFF50 Technical Presentation, Transportation Research Board 94th Annual Meeting, Washington, DC, January 2015.
364. Saiidi, M., "Update on USDOT University Transportation Center on Accelerated Bridge Construction," TRB Committee AFF50 Technical Presentation, Transportation Research Board 94th Annual Meeting, Washington, DC, January 2015.
365. *Saiidi, M., "Accelerated Bridge Construction in High Seismic Zones," Hot Topics Related to Seismic Design and Performance of Bridges, Transportation Research Board 94th Annual Meeting, Washington, DC, January 2015.
366. *Saiidi, M., M. Tazarv, S. Varela, and F. Kavianipour, "Earthquake-Resistant Resilient Bridges with Advanced Materials," Keynote Presentation, The Fourth International Conference on Bridges," Tehran, Iran, January 2015.
367. *Saiidi, M., "International Codes and Standards for Design and Seismic Retrofit of Bridges," Specialty Workshop, Fourth International Conference on Bridges," Tehran, Iran, January 2015.
368. *Saiidi, M., "UHPC Performance for ABC Columns in High Seismic Zones," Caltrans Workshop on Ultra High Performance Concrete, Sacramento, California, March 2015.
369. *Saiidi, M., M. Tazarv, S. Varela, F. Kavianipour, B. Nakashoji, "Novel Materials and Concepts for ABC in Moderate and High Seismic Zones," Delivery of Accelerated Bridge Construction, Session 2, Washington Department of Transportation Workshop, Olympia, Washington, April 2015.
370. *Saiidi, M., "Accelerated Bridge Construction Research," Delivery of Accelerated Bridge Construction, Panel Discussion: View Points for Implementing ABC, Washington Department of Transportation Workshop, Olympia, Washington, April 2015.

371. *Saiidi M., “Highlights of Recent and Current Bridge Earthquake Engineering Research at UNR—A Few Examples,” Annual AASHTO Bridge Meetings, Sub-Committee T-3: Bridge Seismic Session, Saratoga Springs, New York, April 2015.
372. *Saiidi, M., “Seismic Behavior and Design of Connections for Accelerated Bridge Construction,” Keynote Presentation, Fourth International Conference on Recent Advanced in Railway Engineering, Tehran, Iran, May 2015.
373. *Saiidi, M., “Post Earthquake Repair of Bridge Columns and other Bridge Components,” Specialty Workshop Presentation, Fourth International Conference on Recent Advanced in Railway Engineering, Tehran, Iran, May 2015.
374. *Saiidi, M., “Seismic Design of Connections for Accelerated Bridge Construction- Conventional and Novel Materials,” Keynote Presentation, Seventh National Conference on Earthquake Engineering, Bogota, Columbia, May 2015.
375. *Saiidi, M., “Repair of Earthquake Damage in Reinforced Concrete Bridge Columns,” Seventh National Conference on Earthquake Engineering, Bogota, Columbia, May 2015.
376. *Mohebbi, A., M. Saiidi, and A. Itani, “Seismic Performance of Square Precast Bridge Columns with UHPC and CFRP Tendons,” Session on Accelerated Bridge Construction (ABC) Implementation Products from ABC-UTC Research, The 2015 International Bridge Conference, Pittsburgh, Pennsylvania, June 2015.
377. *Tazarv, M., and M. Saiidi, “Mechanical Splices in Earthquake-Resistant ABC Connections,” Session on Accelerated Bridge Construction (ABC) Implementation Products from ABC-UTC Research, The 2015 International Bridge Conference, Pittsburgh, Pennsylvania, June 2015.
378. *Saiidi, M., “Modern Concepts in Earthquake-Resistant Bridge Design,” Department of Architecture and Architectural Engineering, Kyoto University, Katsura, Kyoto, Japan, June 2015
379. *Saiidi, M., “Smart Metallic Materials for the Next Generation of Earthquake-Resistant Bridges,” Furukawa Techno Material Co., Hiratsuka City, Tokyo, Japan, June 2015.
380. *Saiidi, M., “Experimental and Analytical Studies of Smart Metallic Materials for the Next Generation of Earthquake-Resistant Bridges,” Department of Materials Science, Tohoku University, Sendai, Japan, June 2015.
381. *Saiidi, M., M. Tazarv, S. Varela, and B. Nakashoji, “Emerging ABC Connection Details for High Seismic Areas- Performance and Design of Mechanical Splices (Couplers),” ABC University Transportation Center, ABC Webinar, July 2015.
382. *Saiidi, M., S. Varela, M. Tazarv, M. O’Brien, and F. Kavianipour, “Smart Materials for Accelerated Bridge Construction in High Seismic Zones,” Keynote Address, 3rd Conference on Smart Materials Monitoring, Assessment and Rehabilitation of Civil Structures, Antalya, Turkey, September 2015.
383. *Varela, S., and M. Saiidi, “Seismic Behavior of Reinforced Concrete Bridge Columns with Copper-Base SMA and ECC,” 3rd Conference on Smart Materials Monitoring, Assessment and Rehabilitation of Civil Structures, Antalya, Turkey, September 2015.
384. *Saiidi, M., M. Tazarv, B. Nakashoji, S. Varela, and F. Kavianipour, “A New Generation of Earthquake-Resistant Bridges w/ SMA,” Invited seminar, University of Virginia, Charlottesville, Virginia, October 2015.
385. *Saiidi, M., “Highlights of Recent and Current Bridge Earthquake Engineering Research at UNR with ABC Flavor- A Few Examples,” Workshop No. W-5, Design Criteria and

- Connections for Application of ABC in Seismic Regions,” National ABC Conference, Miami, Florida, December 2015.
386. *Saiidi, M., “ABC-UTC-Seismic Findings on Studies of CFRP-PT Square Columns and Piers, Mechanical Splices, and Pocket Connections,” Mid-Year AASHTO Bridge Meetings, Sub-Committee T-4: Bridge Construction, Miami, Florida, December 2015.
 387. Saiidi, M., “Lessons from Recent Seismic Studies of ABC Bridges and Connections at UNR,” TRB Committee AFF50 Technical Presentation, Transportation Research Board 95th Annual Meeting, Washington, DC, January 2016.
 388. *Saiidi, M., “Seismic Design of Bridges with Reliability-Based Damage Control,” Session on Project-Specific Seismic Performance Criteria, Transportation Research Board 95th Annual Meeting, Washington, DC, January 2016.
 389. *Saiidi, M., “Resilient Earthquake-Resistant Bridges- Going beyond ABC,” California Department of Transportation Educational Seminar Series, Presented twice, Headquarters, Sacramento, California, February 2016.
 390. *Saiidi, M., “Resilient Earthquake-Resistant Bridges- Going beyond ABC,” California Department of Transportation Educational Seminar Series, TransLab, Caltrans, Sacramento, California, February 2016.
 391. Mehrsoroush, A., and M. Saiidi, “Probabilistic Seismic Damage Control Analysis of Substandard Bridge Columns,” Session Title: Seismic Performance Assessment of Structures and Seismic Risk Mitigation Strategies,” European Congress on Computations Methods in Science and Engineering, Crete, Greece, June 2016.
 392. Abdollahi, B., M. Saiidi, R. Siddharthan, S. Elfass, and A. Shamsabadi, “Pre-Test Studies on Seismic Soil-Abutment Interaction in Skewed Bridges,” General Session, Loading I, Earthquake, Accidental, and Others, 8th International Conference on Bridge Maintenance, Safety, and Management, Iguacu, Brazil, June 2016, Paper No. 183.
 393. Mohebbi, A., M. Saiidi, and A. Itani, “Self-Centering Bridge Column with CFRP Tendons under Seismic Loads,” General Session, Advanced Materials, 8th International Conference on Bridge Maintenance, Safety, and Management, Iguacu, Brazil, June 2016, Paper No. 270.
 394. *Saiidi, M., “The Path to Deployment of Shape Memory Alloy Bars in Bridges,” Hyogo Earthquake Engineering Research Center, “E-Defense,” August 2016.
 395. *Saiidi, M., “Novel Materials for Improved Bridge Seismic Performance,” First US-Chile Workshop on Bridge Earthquake Engineering, Reno, Nevada, August 2016.
 396. *Saiidi, M., A. Mohebbi, A. Itani, M. Tazarv, and S. Varela, “New Horizons in Seismic Design of Highway Bridges with Advanced Materials and Construction Methods,” Keynote Presentation, 14th International Symposium in Structural Engineering, Beijing, China, October 2016.
 397. *Saiidi, M., “Accelerated Bridge Construction in High Seismic Zones – Pocket Connections for Conventional and Novel Materials,” 11th US-Taiwan Bridge Engineering Workshop, Taipei, Taiwan, October 2016.
 398. *Saiidi, M. “Changing Paradigm of Earthquake-Resistant Concrete Bridges,” Seminar Presentation, National Center for Research in Earthquake Engineering, Taipei, Taiwan, October 2016.
 399. *Saiidi, M., “Advanced Materials for Accelerated Bridge Construction w/ Pocket Connections in High Seismic Zones,” Keynote Presentation, 1st International Conference

- on Modern Materials and Structures in Civil Engineering, Tehran, Iran, October 2016 (Via Skype).
400. *Abdollahi, B., M. Saiidi, R. Siddharthan, S. Elfass, and A. Shamsabadi, "Shake Table Studies of Effect of Skew on Bridge Abutment Backfill Response," The Seventh Kwang-Hua Forum on Innovations and Implementations in Earthquake Engineering Research," Shanghai, China, December 2016.
 401. *Saiidi, M., "ABC-UTC Seismic Performance Studies of Precast Bridges from Connections to Components, to Bridge Systems at the University of Nevada, Reno," Workshop, Latest Accelerated Bridge Construction Innovations from Research, Transportation Research Board 96th Annual Meeting, Washington, DC, January 2017.
 402. *Saiidi, M., "Conventional and Novel Earthquake-Resistant Precast Bridge Connections," Workshop, Seismic Design and Accelerated Bridge Construction, Transportation Research Board 96th Annual Meeting, Washington, DC, January 2017.
 403. *Saiidi, M., "Earthquake-Resistant Pin Connections for Bridge Columns," California Department of Transportation Educational Seminar Series, Presented twice, Headquarters, Sacramento, California, February 2017.
 404. *Saiidi, M., "Earthquake-Resistant Pin Connections for Bridge Columns," California Department of Transportation Educational Seminar Series, TransLab, Caltrans, Sacramento, California, February 2017.
 405. Saiidi, M., B. Nakashoji, J. Bingle, and B. Khaleghi, "Research toward Deployment of Large-Diameter Nickel-Titanium Reinforcing Bars in an Earthquake-Resistant Concrete Bridge," Theme 506- Smart Materials in Construction and Infrastructure, Third Annual World Congress of Smart Materials, Bangkok, Thailand, March 2017.
 406. *Saiidi, M., "Bringing Innovation to Bridge Earthquake Engineering with Advanced Materials," Seminar Presentation, Department of Civil and Environmental Engineering, University of Connecticut, Storrs, Connecticut, March 2017.
 407. *Saiidi, M., "Advanced Materials and construction methods in earthquake-resistant bridges," Seminar Presentation, Department of Bridge Engineering, Tongji University, Shanghai, April 2017.
 408. *Mehraein, M, and M. Saiidi, "Analytical Assessment of Seismic Response of a New Generation of Bridge Piers with Pipe Pin Connections," 6th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, COMPDYN, Session MS11, Rhodes Island, Greece, June 2017.
 409. Tazarv, M., and M. Saiidi, "Analysis, Design, and Construction of SMA-Reinforced FRP-Confined Concrete Columns," 4th Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures, Zurich, Switzerland, September 2017.
 410. *Saiidi, M., "Bridge Columns with Engineered Cementitious Composites (ECC) and Ultra High Performance Concrete (UHPC) under Seismic Loads," Keynote Address, 2nd International and 6th National Conference on New Materials and Structures, Yazd, Iran, October 2017.
 411. *Saiidi, M., "Innovation in Earthquake-Resistant Bridges- Advanced Materials, Novel Construction Methods, and Futuristic Concepts," Workshop Presentation, 2nd International and 6th National Conference on New Materials and Structures, Yazd, Iran, October 2017.
 412. *Saiidi, M., and A. Vosooghi, "Restoration of RC Bridge Columns Damaged by Earthquakes," The Third Joint American Concrete Institute and Japan Concrete Institute

- Seminar: Challenges and Developments in the Life Cycle Management of Existing Concrete Structures, Anaheim, California, October 2017.
413. *Saiidi, M., and C. French, "Interpreting Column Seismic Test Data—Shake Table vs. Cyclic Testing," Caltrans-PEER Workshop on Characterizing Uncertainty in Bridge Component Capacity Limit States (CCLS), Richmond, California, October 2017.
 414. *Saiidi, M., and A. Mehrsoroush, "Findings from Probabilistic Seismic Damage Assessment for Substandard Bridge Columns," Caltrans-PEER Workshop on Characterizing Uncertainty in Bridge Component Capacity Limit States (CCLS), Richmond, California, October 2017.
 415. *Saiidi, M., and A. Mohebbi, "Development and Seismic Evaluation of Pier Systems with Pocket Connections and UHPC Columns," Research Webinar Series, Accelerated Bridge Construction- University Transportation Center, November 2017.
 416. *Saiidi, M., "New Paradigm in Earthquake Engineering of Bridges- Resilient, Fast, Recyclable," Mexican National Academy of Engineering Induction Ceremony, Mexico City, Mexico, November 2017.
 417. *Saiidi, M., "Seismic Damage Susceptibility of Bridge Piers with Different High Performance Cementitious Materials in Plastic Hinges," Keynote Address, Second International Bridge Seismic Workshop, Shanghai, China, November 2017.
 418. *Saiidi, M., J. Benjumea, and A. Itani, "Shake Table Performance of A Two-Span Concrete Bridge System Integrating Six ABC Connection Types," Workshop W-11, Accelerated Bridge Construction in Seismic Regions, National Accelerated Bridge Conference, Miami, Florida, December 2017.
 419. *Saiidi, M., A. Mohebbi, and A. Itani, "Raising Performance Standards in Post-Earthquake Serviceability of Precast Columns and Piers with Advanced Materials," Annual Meeting, Pacific Earthquake Engineering Research Center, Berkeley, California, January 2018.
 420. *Saiidi, M., J. Benjumea, and A. Itani, "Bridge System Seismic Research for Accelerated Bridge Construction," California Department of Transportation Seminar, Caltrans Headquarters, Sacramento, California, February 2018.
 421. *Saiidi, M., "Bridge Columns and Systems of the Future-Resilient and Deconstructible," Keynote Address, Fourth International Conference on Structural Engineering, Iranian Society of Structural Engineering, Tehran, Iran, February 2018.
 422. *Saiidi, M., "Expediting Construction of Conventional Bridges with Earthquake-Resistant Pin Connection," Workshop Presentation, Fourth International Conference on Structural Engineering, Iranian Society of Structural Engineering, Tehran, Iran, February 2018.
 423. *Saiidi, M., "ABC Seismic Issues and Concepts," Alaska Department of Transportation Workshop, Juneau, Alaska, April 2018.
 424. *Saiidi, M., "ABC Column Connections," Alaska Department of Transportation Workshop, Juneau, Alaska, April 2018.
 425. *Saiidi, M., "Seismic Performance of ABC Bridge Systems," Alaska Department of Transportation Workshop, Juneau, Alaska, April 2018.
 426. *Saiidi, M., "Innovative Bridge Columns and Systems- from Research to Deployment," Alaska Department of Transportation Workshop, Juneau, Alaska, April 2018.
 427. Saiidi, M., and F. Kaviani-pour, "Shake Table Studies of Seismic Performance of a Segmental Bridge Pier," Special Session SS08, New Technologies for Seismic-Resistant

- Bridge Columns, 16th European Conference on Earthquake Engineering, Thessaloniki, Greece, June 2018.
428. *Saiidi, M., “NCHRP 12-105, Proposed AASHTO Seismic Specifications for ABC Column Connections- Analytical and Experimental Investigations,” Annual AASHTO Bridge Meetings, Sub-Committee T-3: Bridge Seismic Session, Burlington, Vermont, June 2018.
 429. *Saiidi, M., “Mechanical Splices (Couplers) in and Adjacent to Plastic Hinge Regions and their Impact on Plastic Deformation Capacity of Bridge Columns,” Transportation Research Board Webinar: Seismic Design and Accelerated Bridge Construction, July 2018.
 430. *Saiidi, M., “Innovative Superelastic Materials for Seismic Resiliency and Accelerated Bridge Construction (ABC),” Proceedings, the 31st US-Japan Bridge Engineering Workshop, Los Angeles, California, Topic 4- Innovative Materials, July 2018.
 431. *Shoushtari, E., and M. Saiidi, “Shake Table Studies of A Two-Span Steel Girder Bridge System with ABC Connections,” Accelerated Bridge Construction University Transportation Center Webinar, July 2018.
 432. *Shoushtari, E., M. Saiidi, A. Itani, and M. Moustafa, “Biaxial Shake Table Response of a Two-Span Steel Girder ABC Bridge,” American Iron and Steel Institute Task Force Meeting, Atlanta, Georgia, August 2018.
 433. *Saiidi, M., “Advanced Metallic, Cementitious, and Fiber-Reinforced Polymers in Earthquake-Resistant Structures,” Keynote Speech, Focus Area 802, Seventh Annual World Congress of Advanced Materials, Xiamen, China, September 2018.
 434. *Saiidi, M., “Seismic Performance of Six ABC Connections Integrated in A Two-Span Steel Girder Bridge,” Seminar Series, Tongji University, Shanghai, China, September 2018.
 435. *Saiidi, M., “Futuristic Resilient Bridge Design - from Research to Implementation,” Keynote Speech, the 5th International Symposium on Bridge Design and Construction, Bucaramanga, Columbia, November 2018.
 436. *Saiidi, M., “Innovation in Seismic Evaluation and Design of Bridge Columns w/ Advanced Materials,” Keynote Speech, the XXI Mexican National Congress of Structural Engineering, Campeche, Mexico, November 2018.
 437. *Saiidi, M., “An Update on NCHRP 12-105, Proposed AASHTO Seismic Specifications for ABC Column Connections,” Session 1256, Recent Completed NCHRP Research Regarding Accelerated Bridge Construction, Transportation Research Board 98th Annual Meeting, Washington, DC, January 2019.
 438. *Saiidi, M., “Designing for Bridge Seismic Resiliency with Novel Materials,” Session 6A- Performance-Based Design and Resiliency of Utilities and Bridges, Earthquake Engineering Research Institute Annual Meeting, Vancouver, British Columbia, Canada, March 2019.
 439. Saiidi, M., “Copper-Aluminum-Manganese Bar Connections for Earthquake-Resilient Bridges,” Featured Speaker, Session on Graphene Technologies, Materials Processing and Manufacturing, Ceramconnecticutic and Glass Materials, and Materials Science and Engineering, Eighth International Conference on Nanotechnology and Materials Science, Amsterdam, Netherlands, April 2019.

440. *Saiidi, M., “Achieving Resiliency Using New Materials and Details,” Session on Resiliency and Residual Capacity, Los Angeles Tall Buildings Structural Design Council Annual Conference, Los Angeles, California, May 2019.
441. *Saiidi, M., “Seismic Studies of Two-Span Concrete ABC Bridge Systems with Various Connections,” Seminar Presentation, Department of Civil and Environmental Engineering, University of Connecticut, Storrs, Connecticut, May 2019. Challenges in Expediting Bridge Construction in High Seismic Zones and Solutions
442. *Saiidi, M., “Challenges in Expediting Bridge Construction in High Seismic Zones and Solutions,” Seminar Presentation, Department of Civil and Environmental Engineering, University of Southern California, Los Angeles, California, June 2019.
443. *Saiidi, M., “Shape Memory Alloy & Engineered Cementitious Composite Material Research & Development for Seismic Applications,” Session W-10: International Workshop on Emerging Bridge Technologies, 36th Annual International Bridge Conference, National Harbor, Maryland, June 2019.
444. Benjumea, J., M. Saiidi, and A. Itani, “Biaxial Shake Table Tests of an ABC Two-Span Concrete Bridge System with Grouted Ducts,” Session on Structural Analysis and Assessment, 2nd International Conference on Natural Hazard and Infrastructure (ICONHIC), Chania, Crete, Greece, June 2019.
445. *Saiidi, M., E. Jordan, “Feasibility of Superelastic Large Diameter Copper-Aluminum-Manganese SMA Bars in Bridge Columns,” Plenary Lecture, 5th Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures, Potsdam, Germany, August 2019.
446. *Saiidi, M., J. Bingle, B. Khaleghi, and T. Moore, “SR-99 Northbound Offramp Resilient Bridge- Breaking New Ground with Shape Memory Alloy and Engineered Cementitious Composite,” Session: Greatest Show on Earth, Outstanding Civil Engineering Achievement Award Candidates, American Society of Civil Engineers Convention, Miami, Florida, October 2019.
447. *Saiidi, M., and F. Kavianipour, “Feasibility of Precast Concrete-Filled GFRP Composite Columns for Accelerated Bridge Construction in High Seismic Zones,” Keynote Speech, 2019 International Conference on Engineering Innovation and Seismic Mitigation of Bridges, Hangzhou, China, December 2019.
448. *Saiidi, M., “Future of Performance Based Engineering for Community Resiliency-Transportation Systems,” Plenary Presentation, Annual Meeting, Pacific Earthquake Engineering Research Center, Berkeley, California, January 2020.

Summary of Mentorship

Post-doctoral fellows and research associates:	22 total
PhD Students	35 total (29 as main adviser; 6 as co-adviser)
MS Students with Thesis:	62 total (47 as main adviser; 15 as co-adviser)
Undergraduate Researchers	48
Total no. of mentees:	157

Number of Presentations **448**

Publications:

Edited books:	6
Journal and other fully peer-reviewed publications:	166
Research reports:	145
Conference articles:	232

Total no. of publications: **549**