

Biographical Data – 1/2021

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
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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-Present
 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 Oliae |
| 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 Vosoughi, 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: Zoghi (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.

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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.

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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. Orié, 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.
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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.
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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.
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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.
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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. Ghosn, "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. Ghosn, "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.
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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 Restrainer 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.
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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.
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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.
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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.
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- Tables,” Fourth Planning Meeting for NEES/E-Defense Collaboration, E-Defense, Kobe-Miki, Japan, August 2005.
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 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.
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 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.
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 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.
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203. *Saiidi, M. "Earthquake Studies of Large-Scale Bridge Models," Summer Camp, K-12 Outreach Program, University of Nevada, Reno, July 2006.
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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.

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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.
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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. Mehrsoroush, 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. Kaviani-pour, “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.
449. *Saiidi, M., “Seismic Performance of ABC (accelerated bridge construction) Bridge Systems, Invited Webinar Series, National Center for Transportation Infrastructure Durability & Life-Extension, Pullman, Washington, September 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 449

Publications:

Edited books:	6
Journal and other fully peer-reviewed publications:	167
Research reports:	145
Conference articles:	232

Total no. of publications: 550