

**Curriculum Vita      Shima Najem Clarke, PhD, PE, AIC****Updated**                      May 13, 2020**Current Rank**                Professor, Tenured**Office Address**              Clemson University  
The Neiri Family Department of Construction Science and Management  
2-131 Lee Hall  
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864-656-4498 (office)  
shimac@clemson.edu (email)**Education**                      PhD, Civil Engineering, University of Tennessee, Knoxville, May 1997  
MS, Civil Engineering, University of Tennessee, Knoxville, March 1985  
BS, Civil Engineering, University of Tennessee, Knoxville, June 1980**Professional  
Registration**                      Professional Engineer, Tennessee, 1990-Present, License No: 21596**Professional Experience**

Clemson University, Director of the Center for the Improvement of Construction Management and Processes (CICMP) Clemson, SC, 2018-Present

Clemson University, Professor and Associate Chair of Construction Science and Management, Clemson, SC, 2018-Present  
Fall Duties: 40% -Teaching, 10%-Research/Scholarly Activities, and 50%-Service  
Spring Duties: 40% -Teaching, 10%-Research/Scholarly Activities, and 50%-Service

Clemson University, Professor of Construction Science and Management, Clemson, SC, 2013-2017  
Fall Duties: 75% -Teaching, 15%-Research/Scholarly Activities, and 10%-Service  
Spring Duties: 67% -Teaching, 15%-Research/Scholarly Activities, and 18%-Service

Clemson University, Associate Professor of Construction Science and Management, Clemson, SC, 2008-2013  
Fall Duties: 75% -Teaching, 15%-Research/Scholarly Activities, and 10%-Service  
Spring Duties: 92% -Teaching, 4%-Research/Scholarly Activities, and 4%-Service

Clemson University, Associate Professor of Construction Science and Management, Clemson, SC, 2004-2007  
Duties: 75% -Teaching, 15%-Research/Scholarly Activities, and 10%-Service

Clemson University, Assistant Professor of Construction Science and Management, Clemson, SC, 1998-2003  
Duties: 75% -Teaching, 10%-Research/Scholarly Activities, and 15%-Service

University of Tennessee, Adjunct Lecturer of Civil Engineering, Knoxville, TN, 1998  
Duties: Taught a surveying course and lab to undergraduate students.

Pellissippi State Technical Community College, Adjunct Faculty of Mathematics,  
Knoxville, TN, 1998  
Duties: Taught college level algebra.

University of Tennessee, Graduate Teaching Associate, Civil Engineering, Knoxville, TN,  
1996  
Duties: Taught a structural analysis course to undergraduate students.

University of Tennessee, Graduate Research Associate, Transportation Center,  
Knoxville, TN, 1993-1996  
Duties: Managed the Holston River Bridge research project which included  
instrumenting the bridge, collecting and analyzing raw data, and managing five  
Master's graduate students.

University of Tennessee, Graduate Research Assistant, Civil Engineering, Knoxville, TN,  
1990-1992  
Duties: Managed the hollow clay tile in-filled wall project which included  
instrumenting and testing wall panels, analyzing the data, and conducting research  
on shake tables.

Impell Corporation, Principal Engineer, Knoxville, TN, 1985-1988  
Duties: Designed and analyzed structural components for nuclear power plants for  
the Tennessee Valley Authority.

Bechtel Power Corporation, Civil/Structural Engineer, Gaithersburg, MD, 1980-1983  
Duties: Designed and analyzed structural components for nuclear power plants  
located in Mississippi, Florida, and Pennsylvania. I was assigned both to the field and  
home office.

### **Awards/Honors/Recognition**

Tigers Advance Partner Certificate, Clemson University Tigers Advance program, April  
2019

CSM Graduate Program Coordinator, elected May 2014

Outstanding Educator Award, awarded by the Associated Schools of Construction (ASC)  
in recognition "of your Contribution to Excellence in Teaching and Support for  
Construction Education," 2012

Director Appreciation Award, awarded by the Associated Schools of Construction  
(ASC) in recognition "of your contribution and support for construction  
education," 2011

Outstanding Service Award, awarded by the Associated Schools of Construction

(ASC) Region II, 2010

W.A. Klinger Construction Education Award, awarded by the American Institute of Constructors (AIC) for “Longstanding contributions to the construction education, distinguished service to the advancement of the construction profession, and exemplary service to the Institute,” 2006

Associated Schools of Construction (ASC) National Board of Directors, 2006-2011

Associated Schools of Construction (ASC) Region II Director, Southeast Region Election Process, 2006-2011

Air Force JROTC Recognition Certificate for Outstanding Contributions and Service Given to D.W. Daniel High School, Central, SC, 2003

Sigma Lambda Chi, National Honor Society for Construction, 1999

### **Awards to Student Competition Teams Directed by Shima Clarke**

Faculty Coach/Advisor to prepare the Integrated Project Team (CSM & MCSM students) competing in the 2018 ASC Regions 6 & 7 Open National Integrated Project Student Competition. The team won Second Place award (\$1500). Sparks, NV, Feb. 7-10, 2018.

Faculty Coach/Advisor to prepare the Design-Build Team (CSM & ARCH students) competing in the 2016 ASC/AGC Region II Design-Build Student Competition. The team won Second Place award (\$750). Atlanta, GA, Nov. 2-4, 2016.

Faculty Coach/Advisor to prepare the Heavy/Civil Team (CSM students) competing in the 2014 ASC/AGC Region II Heavy/Civil Student Competition. The team won First Place and Best Presentation award (\$1500). Greensboro, NC, Oct. 29-31, 2014

Faculty Coach/Advisor to prepare the Design-Build Team (CSM & ARCH students) competing in the 2014 DBIA Student Competition. The team won Second Place at the Southeast Regional Level, April 7, 2014.

Co-Faculty Coach/Advisor to prepare the Design-Build Team (CSM & ARCH students) competing in the 2013 ASC/AGC Region II Design-Build Student Competition. The team won Best Presentation. Atlanta, GA, Oct. 30-Nov. 1, 2013

Co-Faculty Coach/Advisor to prepare the Design-Build Team (CSM & ARCH students) competing in the 2012 ASC/AGC Region II Design-Build Student Competition. The team won First Place award (\$1,500). Atlanta, GA, Nov. 7-9, 2012

Faculty Coach/Advisor to prepare the Heavy/Civil Team (CSM students) competing in the 2012 ASC/AGC Region II Heavy/Civil Student Competition. The team won Second Place and Best Presentation award (\$750). Atlanta, GA, Nov. 7-9, 2012

Co-Faculty Coach/Advisor to prepare the ABC Construction Management Team (CSM students) competing in the 2012 ABC Student Chapter Construction Management Competition. The team won Third Place award in Project Management & Scheduling category (\$500). San Antonio, TX, April 24-27, 2012

Faculty Coach/Advisor to prepare the Design-Build Team (CSM & ARCH students) competing in the 2010 ASC/AGC Region II Design-Build Student Competition. The team won First Place award (\$3,500). Birmingham, AL, Oct. 20-22, 2010

Faculty Coach/Advisor to prepare the Design-Build Team (CSM & ARCH students) competing in the 2009 ASC/AGC Region II Design-Build Student Competition. The team won Second Place award (\$1,000). Jacksonville, FL, Oct. 28-30, 2009

Faculty Coach/Advisor to prepare the Design-Build Team (CSM & ARCH students) competing in the 2009 ASC/AGC National Design-Build Student Competition. The team won Second Place (\$2,000). San Diego, CA, March 2009

Faculty Coach/Advisor to prepare the Design-Build Team (CSM & ARCH students) competing in the 2008 ASC/AGC Region II Design-Build Student Competition. The team won First Place award (\$3,500). Jacksonville, FL, Oct. 22-24, 2008

Faculty Coach/Advisor to prepare the Design-Build Team (CSM & ARCH students) competing in the 2007 ASC/AGC Region II Design-Build Student Competition. The team won Second Place award (\$1,000) and Best Presenter award. Jacksonville, FL, Oct. 31-Nov. 2, 2007

Faculty Coach/Advisor to prepare the Design-Build Team (CSM & ARCH students) competing in the 2007 ASC/AGC National Design-Build Student Competition. The team won First Place (\$1,500). San Antonio, TX, March 2007

Faculty Coach/Advisor to prepare the Design-Build Team (CSM & ARCH students) competing in the 2006 ASC/AGC Region II Design-Build Student Competition. The team won First Place award (\$2,000) qualifying them to compete at the 2007 National Student Competition in San Antonio, TX. Charlotte, NC, October 2006

Faculty Coach/Advisor to prepare the Design-Build Team (CSM & ARCH students) competing in the 2006 ASC/AGC National Design-Build Student Competition. The team won Third Place (\$500). Dallas, TX, April 2006

Faculty Coach/Advisor to prepare the Design-Build Team (CSM & ARCH students) competing in the 2005 ASC/AGC Region II Design-Build Student Competition. The team won First Place award (\$1,000) qualifying them to compete at the 2006 National Student Competition in Dallas, TX. The team also received the Best Presenter award. Charlotte, NC, October 2005

Co-faculty Coach/Advisor to prepare the Design-Build Team (CSM & ARCH students) competing in the 2003 ASC/AGC Region II Design-Build Student Competition. The team was awarded Best Presenter and received Second Place in technical merit. Atlanta, GA, March 2003

## Refereed Publications

- Gajjar, D., Clarke, S., and Anderson, C. "Current State of the Employee Assessment Process in the Construction Industry for Southeast United States," *The Professional Constructor* (ISSN 0146-7557) American Institute of Constructors (AIC), Spring 2020, Volume 45, Number 01, pg. 34.
- Clarke, S.N. and Gregory, E., "The Effective Return on Investment for the Contractor Building a High Performance Versus Code Compliant Single Family Dwelling," *International Proceedings of the 53<sup>rd</sup> Annual Conference, Associated Schools of Construction (ASC), University of Washington, Seattle, WA, April 5-8, 2017.*
- Clarke, S.N. and Austin, J., "Municipalities Possible Use of 100% Recycled Asphalt," 2014 *Construction Research Congress (CRC2014), The Construction Institute of the American Society of Civil Engineers (ASCE), Atlanta, GA, May 19-21, 2014.*
- Bowers, C. and Clarke, S.N., "A Survey of Succession Planning Practices for Superintendents in the Industrial Construction Sector," *International Proceedings of the 49<sup>th</sup> Annual Conference, Associated Schools of Construction (ASC), California Polytechnic State University, San Luis Obispo, CA, April 10-13, 2013.*
- Walelign, M.G. and Clarke, S.N., "The Effect of the Current Recession on Craftworker's Accident/Injury Rate in Relation to Overtime," *Proceedings of the Associated Schools of Construction (ASC) 48<sup>th</sup> Annual International Conference, Birmingham City University, Birmingham, UK, April 11-14, 2012.*
- Lopes, S.J., Bausman, D.C. and Clarke, S.N., "Why Owners Pursue LEED Certification," *The American Professional Constructor*, American Institute of Constructors, Vol. 36, No. 1, April 2012, pp. 46-51.
- Warren, D.R. and Clarke, S.N., "LEED & Green Globes: A Project Owner Based Analysis," *The American Professional Constructor*, American Institute of Constructors, Vol. 35, No. 2, October 2011, pp. 40-44.
- Marchman, M. and Clarke, S.N., "Overcoming the Barriers to Sustainable Construction and Design Through a Cross-Reference of West Coast Practices," *Proceedings of the Associated Schools of Construction (ASC) 47<sup>th</sup> Annual International Conference, University of Nebraska-Lincoln, Omaha, NE, April 6-9, 2011.*
- Clarke, S.N. and Boyd, B., "Youths' Perceptions of the Construction Industry: An Analysis at the Elementary, Middle, and High School Levels," *Proceedings of the Associated Schools of Construction (ASC) 47<sup>th</sup> Annual International Conference, University of Nebraska-Lincoln, Omaha, NE, April 6-9, 2011.*
- Chalupa, C., Corley, G. and Clarke, S.N., "A cross Sectional Study of the Uses and

Application of Mobile Devices in the Construction Industry,” International Proceedings of the Associated Schools of Construction (ASC) 45<sup>th</sup> Annual Conference, University of Florida, Gainesville, FL, April 1-4, 2009.

Clarke, S.N. and Rebba, M., “LEED Accreditation: A Benefit Analysis,” International Proceedings of the Associated Schools of Construction (ASC) 43<sup>rd</sup> Annual Conference, Northern Arizona University, Flagstaff, AZ, April 12-14, 2007.

Smith-Mojica, B. and Clarke, S.N., “The Impact of Bid Shopping on the Private Sector of the Construction Industry,” International Proceedings of the Associated Schools of Construction (ASC) 43<sup>rd</sup> Annual Conference, Northern Arizona University, Flagstaff, AZ, April 12-14, 2007.

Clarke, S.N., “Craftworker Retention Rate Monitoring and Documentation Process,” International Proceedings of the Associated Schools of Construction (ASC) 42<sup>nd</sup> Annual Conference, Colorado State University, Fort Collins, CO, April 20-22, 2006.

Clarke, S.N., “Craftworker Retention Rate Monitoring and Documentation Process,” The American Professional Constructor, American Institute of Constructors, Vol. 30, No. 1, April 2006, pp. 22-29.

Clarke, S.N., “What Do Constructors Need to Know About Structures?,” International Proceedings of the Associated Schools of Construction (ASC) 39<sup>th</sup> Annual Conference, Clemson University, Clemson, SC, April 10-12, 2003, pp. 143-154.

Piper, C. and Clarke, S.N., “Surveying Strengths & Weaknesses of Training Courses for DBE Construction Firms,” The American Professional Constructor, American Institute of Constructors, Vol. 26, No. 2, October 2002, pp. 30-35.

Clarke, S.N., Goodpasture, D.W., Bennett, R.M., Deatherage, J.H., and Burdette, E.G., “Effect of Cycle Counting Methods on Effective Stress Range and Number of Stress Cycles for Fatigue Prone Details,” Transportation Research Record 1740, Washington: Transportation Research Board, 2000, pp. 49-60.

Clarke, S.N., Deatherage, J.H., Goodpasture, D.W., and Burdette, E.G., “Influence of Bridge Approach, Surface Condition, and Velocity on Impact Factors for Fatigue-Prone Details,” Transportation Research Record 1624, Washington: Transportation Research Board, 1998, pp. 166-179.

Bennett, R.M. and Najem-Clarke, F.S., “Reliability of Bolted Steel Tension Members,” Journal of Structural Engineering, ASCE, Vol. 113, No. 8, August 1987, pp. 1865-1872.

## Refereed Presentations

“The Effective Return on Investment for the Contractor Building a High Performance

- Versus Code Compliant Single Family Dwelling,” Speaker, 53<sup>rd</sup> Annual International Conference, Associated Schools of Construction (ASC), University of Washington, Seattle, WA, April 5-8, 2017.
- “Municipalities Possible Use of 100% Recycled Asphalt,” Co-Speaker, 2014 Construction Research Congress (CRC 2014), The Construction Institute of the American Society of Civil Engineers (ASCE), Atlanta, GA, May 19-21, 2014.
- “A Survey of Succession Planning Practices for Superintendents in the Industrial Construction Sector,” Co-Speaker, 49<sup>th</sup> Annual International Conference, Associated Schools of Construction (ASC), California Polytechnic State University, San Luis Obispo, CA, April 10-13, 2013.
- “The Effect of the Current Recession on Craftworker’s Accident/Injury Rate in Relation to Overtime,” Speaker, 48<sup>th</sup> Annual International Conference, Associated Schools of Construction (ASC), Birmingham City University, Birmingham, UK, April 14, 2012.
- “Overcoming the Barriers to Sustainable Construction and Design Through a Cross-Reference of West Coast Practices,” Speaker, 47<sup>th</sup> Annual International Conference, Associated Schools of Construction (ASC), University of Nebraska-Lincoln, Omaha, NE, April 8, 2011.
- “Youths’ Perceptions of the Construction Industry: An Analysis at the Elementary, Middle, and High School Levels,” Speaker, 47<sup>th</sup> Annual International Conference, Associated Schools of Construction (ASC), University of Nebraska-Lincoln, Omaha, NE, April 7, 2011.
- “A cross Sectional Study of the Uses and Application of Mobile Devices in the Construction Industry,” Speaker, 45<sup>th</sup> Annual International Conference, Associated Schools of Construction (ASC), University of Florida, Gainesville, FL, April 3, 2009.
- “LEED Accreditation: A Benefit Analysis,” Speaker, 43<sup>rd</sup> Annual International Conference, Associated Schools of Construction (ASC), Northern Arizona University, Flagstaff, AZ, April 14, 2007.
- “The Impact of Bid Shopping on the Private Sector of the Construction Industry,” Speaker, 43<sup>rd</sup> Annual International Conference, Associated Schools of Construction (ASC), Northern Arizona University, Flagstaff, AZ, April 13, 2007.
- “Craftworker Retention Rate Monitoring and Documentation Process,” Speaker, 42<sup>nd</sup> Annual International Conference, Associated Schools of Construction (ASC), Colorado State University, Fort Collins, CO, April 21, 2006.
- “Surveying Constructors to Assess Topical Content of Courses in Structures,” Poster Presentation, 39<sup>th</sup> Annual International Conference, Associated Schools of Construction (ASC), Clemson University, Clemson, SC, April 10, 2003.
- “What Do Constructors Need to Know About Structures,” Speaker,

39<sup>th</sup> Annual International Conference, Associated Schools of Construction (ASC), Clemson University, Clemson, SC, April 11, 2003.

“Effect of Cycle Counting Methods on Effective Stress Range and Number of Stress Cycles for Fatigue Prone Details,” Speaker, 79<sup>th</sup> Annual Meeting, Transportation Research Board, Washington, D.C., January 12, 2000.

## Research and Grants

Co-Investigator, “Assessment of Offering Building Construction Education for Middle Schoolers,” Spencer. Collaborated with Dhaval Gajjar of The Nieri Family Department of Construction Science and Management, 2019 (\$46,495.00- not awarded).

Co-Investigator, “National Curriculum Review for Construction Engineering and Management (CEM) Courses,” Clemson Support for Early Exploration and Development (CU SEED) CU SEED-Tier #2. Collaborated with Dhaval Gajjar of The Nieri Family Department of Construction Science and Management, 2019 (\$9886.00- not awarded).

Principle Investigator, “A Study of the US Roofing Industry Workforce,” National Roofing Contractors Association. Collaborated with Dhaval Gajjar of The Nieri Family Department of Construction Science and Management, 2018 (\$59,864.00- not awarded).

Co-Investigator, “Online Course Development Grant for ARCH/CSM 8360,” Clemson Architecture Foundation, Clemson University. Collaborated with Sallie Hambright-Belue of Architecture, 2018 (Funded-\$5,000).

Co-Investigator, “Online Course Development Grant for ARCH/CSM 8350,” Clemson Architecture Foundation, Clemson University. Collaborated with Sallie Hambright-Belue of Architecture, 2018 (Funded-\$5,000).

Principal Investigator, “GOALI: An Engagement of Academia, Industry, and Organizations,” A+CA Architecture + Construction Alliance. 2017 (Funded-\$950.09).

Co-Investigator, “Fundamentals of Integrated Project Delivery Systems Online Course Development,” CAAH Online Course Development (OCD) Grant Program. Collaborated with Sallie Hambright-Belue of Architecture, 2017 (Funded-\$5,000)

Co-PI, “Integrated Design and Construction Symposium and Workshop 2017: Setting a Collaborative & Multi-Disciplinary Research Agenda & Education Curriculum,” National Science Foundation (NSF). Collaborated with David Allison and Byron Edwards of Architecture, James Smith of BYU, Javier Irizarry and Pardis Pishdad-Bozorgi of Georgia Tech, and Chema de la Garza of Virginia Tech, 2016 (\$40,000- not awarded).

Co-Investigator, “Integrated Design & Construction Certificate Program Development,” School of Architecture and Department of Construction Science and



Management. Collaborated with Sallie Hambright-Belue and Rob Silance of Architecture and James Smith of Construction Science & Management, 2015-2016 (Funded-\$32,000)

Principal Investigator, "GOALI: An Engagement of Academia, Industry, and Organizations," A+CA Architecture + Construction Alliance. Collaborated with David Allison and Byron Edwards of Architecture and James Smith of Construction Science & Management, Javier Irizarry and Pardis Pishdad-Bozorgi of Georgia Tech, and Chema de la Garza of Virginia Tech, 2014-2015 (Funded-\$20,925).

Principal Investigator, "Design-Build Education Initiative," Richard H. Pennell Sr. Center for Research in Design and Building (CRDB), Clemson University, 2014 (\$5,000-not awarded).

Co-Investigator, "Integrated Practice and Delivery Studio: Bringing ARCH and CSM Students AND Faculty Together," A+CA Architecture + Construction Alliance. Collaborated with Sallie Hambright-Belue and Rob Silance of Architecture and James Smith of Construction Science & Management, 2013 (\$10,000-not awarded).

Co-Investigator, "Environmentally Sustainable Car Parks (ESCP) Project," US Environmental Protection Agency (EPA). Collaborated with Sallie Hambright-Belue of Architecture, 2012 (\$15,000-not awarded).

Co-Investigator, "Enhancing Design-Build Learning and Curriculum at Clemson University: Design-Build Competition Team," Clemson Advancement Foundation for Design + Building Fund, Clemson University. Collaborated with Sallie Hambright-Belue of Architecture, 2012 (Funded-\$1,000).

Principal Investigator, "Clemson University's Heavy/Civil Student Competition Team," Clemson Advancement Foundation for Design + Building Fund, Clemson University, 2012 (Funded-\$500).

Co-Investigator, "Best Practice Monograph on Company Safety Performance," National Center for Improvement of Construction Management and Process (CICMP), Clemson University. Collaborated with David De Vita of Carolina Safety Consultants and adjunct faculty in CSM, 2012-2013 (funded-\$7,469).

Principal Investigator, "Best Practice Monograph on Assessing Employee Performance," National Center for Improvement of Construction Management and Process (CICMP), Clemson University, 2012-2013 (funded-\$4,000).

Co-Investigator, "Enhancing Design-Build Learning and Curriculum at Clemson University," Charles Pankow Foundation/DBIA Enhancing Design-Build Learning and Curriculum Education Grant. Collaborated with Sallie Hambright-Belue of Architecture, 2012 (\$10,000-not awarded due to lack of funding).

Principal Investigator, "Design-Build Project Delivery Method for State Funded and DOT Projects," College of Architecture, Arts, and Humanities (AAH) Research Grant

Fund, Clemson University, 2010 (funded-\$3,000).

Principal Investigator, "Best Practice Monograph on Incentives and Rewards," Associated Builders and Contractors (ABC) and the National Center for Improvement of Construction Management and Process (CICMP), 2008 (funded-\$4,000).

Co-Investigator, "Development of Interdisciplinary Design-Build Course," McClure Endowment Fund, College of Architecture, Arts, and Humanities (AAH), Clemson University. Collaborated with Dennis Bausman of CSM and Harry Harritos of Architecture, 2005 (funded-\$3,500).

Principal Investigator, "Best Practice Monograph on Rate of Retention," Associated Builders and Contractors (ABC), 2004 (funded-\$4,000).

Participant, "Faculty Development Awards Program for Using Laptops to Enhance Classroom Learning," Clemson University Office of the Provost, Clemson University Collaborative Learning Environment, and Clemson University Office of Teaching Effectiveness and Innovation, 2002-2003 (\$1,700).

Team Member, "Design Charrette- An Outdoor Exhibit Gallery for EdVenture Children's Museum in Columbia, SC," a South Carolina Leadership in Public Service (SCLIPS) Grant. Collaborated with Bob Bainbridge of Planning and Landscape Architecture and David Dietrich of Art, 2002 (funded-\$7,500).

Co-Principal Investigator, "MBE and WBE Construction Firms' Training Needs/ Construction Education Searchable Database," South Carolina Special State Appropriation in Building Fund. Collaborated with Christine Piper of CSM, 1999-2001 (funded-\$69,525).

Principal Investigator, "Structures Research / What Our Students Need to Know About Structures and an Assessment of CSM Courses in Structures," Sponsored by Construction Science and Management (CSM) Industry Advisory Committee, 1999-2002 (funded-\$2000).

### **Student Support Generated**

Secured a donation of \$2,000 from ABC of the Carolinas and ABC Upstate Council for Clemson University's ABC Construction Management Student Competition Team, 2012.

Secured a donation of \$2,000 from Associated Builders and Contractors (ABC) of the Carolinas for Clemson University's ABC Construction Management Student Competition Team, 2011.

### **Research Monographs, Reports, and other Publications**

De Vita, D.J. and Clarke, S.N., "Company Safety Performance-A Best Practice Guide for

the Construction Industry,” Monograph prepared for the National Center for Improvement of Construction Management and Process, Clemson University, 2014.

Clarke, S.N., “Rate of Retention-A Best Practice Guide for the Construction Industry,” Monograph prepared for the National Center for Improvement of Construction Management and Process, Clemson University, 2006.

Clarke, S.N., “Structures Research, Final Report,” prepared for Department of Construction Science & Management Industry Advisory Board, Clemson University, 2002.

Piper, C.A. and Clarke, S.N., “Construction Education Searchable Database, Final Report,” prepared for South Carolina’s Special State Appropriation in Building Committee, Clemson University, 2001.

Piper, C.A. and Clarke, S.N., “Construction Education Searchable Database,” interactive CD-ROM prepared for South Carolina’s Minority, Women, and Disadvantage Construction Firms (MBE/WBE/DBE Firms), Clemson University, 2001.

Clarke, S.N., “Analysis of fatigue Prone Details on a Continuous Steel Girder Bridge,” Dissertation, University of Tennessee, 1997.

Deatherage, J.H., Goodpasture, D.W., Burdette, E.G., and Clarke, S.N., “Investigation of the fatigue Behavior of the Holston River Bridge, Final Report,” for Tennessee Department of Transportation. Knoxville: Transportation Center, University of Tennessee, 1996.

Deatherage, J.H., Goodpasture, D.W., Burdette, E.G., and Clarke, S.N., “Investigation of the fatigue Behavior of the Holston River Bridge, (Interim Report),” for Tennessee Department of Transportation. Knoxville: Transportation Center, University of Tennessee, 1995.

Clarke, S.N. and Bennett, R.M., “Test Procedure for Shake Table Testing of Cantilever Hollow Clay Tile Wall Panels,” for Martin Marietta Energy Systems. Knoxville: University of Tennessee, 1992.

Clarke, S.N. and Bennett, R.M., “Literature Review of Shake Table Testing of Masonry Structures,” for Martin Marietta Energy Systems. Knoxville: University of Tennessee, 1991.

Clarke, S.N., “Correlation Coefficient for Yield Strength and Ultimate Strength of Structural Steel,” Master’s Degree Special Problem, University of Tennessee, 1985.

### **Invited Speaker/Panelist/Conference Coordinator**

“The Ever-Changing World of Construction - 2019 CSM Annual Symposium, Panel

Discussion on Integrated Project Delivery”, Moderator. Greenville, SC, October 10, 2019, <http://www.clemson.edu/caah/departments/csm/about/index.html>.

“Building trust Through Collaborative Project Delivery,” Facilitator/Coordinator, 2017 SAR Architecture for Health Annual Conference-Chautauqua 8.0 on Regional Healthcare in Collaboration with Architecture + Construction Alliance (A+CA), the Academy of Medicine and the Georgia Tech School of Building Construction,” Atlanta, GA, August 25-26, 2017.

“Design-Build Curriculum-National Faculty Discussion Panel,” Panelist, Design-Build Educator Workshop, California Center for Construction Education (CCCE), CalPoly University, San Luis Obispo, CA, June 1, 2006.

“Structures Research,” Speaker, Department of Construction Science and Management Industry Advisory Board Meeting, Clemson University, October 25, 2002.

“A Construction Education Searchable Database for MBE/WBE Construction Firms,” Speaker, College of Architecture, Arts and Humanities Research Festival, Clemson University, April 18, 2002.

“Influence of Approach, Surface Condition and Velocity on Impact Factors for Fatigue Prone Details,” Speaker, Tennessee Department of Transportation, Nashville, TN, 1995.

“Literature Review of Shake Table Testing of Masonry Structures,” Speaker, Martin Marietta Energy Systems, Oak Ridge, TN, 1991.

### **Non-Refereed Publications**

Clarke, S.N., “CSM Graduate Handbook,” 2019, 2017

Bausman, D.C and Clarke, S.N., “Procedures Manual for the Receipt, Review, and Publication of Articles Submitted for Publication in *The American Professional Constructor*, The Journal of the American Institute of Constructors,” February 2006.

### **Editorship of Refereed Publications**

Editorial Board Member, Structural Survey, Journal of Building Pathology and Refurbishment, Emerald Group Publishing Limited, 2006-2011

Co-Editor and Publisher, The American Professional Constructor, the Journal of the American Institute of Constructors (AIC), 2003-2007

Editor and Publisher, The American Professional Constructor, the Journal of the American Institute of Constructors (AIC), 2001-2003

### **Book Reviews**

Reviewed manuscript for a textbook: Architectural Structures, by J. Wayne

Place, John Wiley & Sons, Inc., September 2004

### **Cited in Textbooks**

Salmon, C.G. and Johnson, J.E., Steel Structures Design and Behavior, 3<sup>rd</sup> Ed., Harper Collins Publishers, 1990, pg. 88-89, 100

### **Reviewer of Publication Manuscripts**

Reviewer for Journal of the American Institute of Constructors, 2001-Present

Reviewer for Associated Schools of Construction Proceedings, 2003-Present

Reviewer for Structural Survey Journal of Building Pathology and Refurbishment, 2013-2017

### **External Reviewer for Faculty Tenure & Promotion**

External reviewer for Svetlana Olbina of Colorado State University, 2019

External reviewer for Ho-Yeong (Julian) Kang of Texas A&M University, 2017

External reviewer for Mary Ellen Nobe of Colorado State University, 2016

External reviewer for Lisa Holliday of the University of Oklahoma, 2015

External reviewer for Ceki Halmen of University of Missouri-Kansas City, 2014

External reviewer for Kevin Grosskopf of University of Nebraska, 2014

External Reviewer for Javier Irizarry of Georgia Institute of Technology, 2013

External reviewer for Pavan Meadati of Southern Polytechnic State University, 2012

External reviewer for Ben Farrow of Auburn University, 2011

### **University Public Service**

Instructor and Coordinator, Construction Camp: Construction Management-Build Your Future, Clemson University Summer Scholars Program, June 2017.

Instructor and Coordinator, Construction Camp: Construction Management-Build Your Future, Clemson University Summer Scholars Program, June 2016.

Instructor and Coordinator, Construction Camp: Exploring the Construction Process, Summer Science and Academic Enrichment Program, Clemson University, July 2010 (raised \$18,700 in grants and donations for 22 scholarships for underrepresented rising 11<sup>th</sup> and 12<sup>th</sup> graders in SC).

### **Professional Society Membership**

American Concrete Institute (ACI), Member, 1999

American Institute of Constructors (AIC), Constructor Member, 2001-Present

American Institute of Steel Construction (AISC), Professional Member, 2002-2004

American Society for Engineering Education (ASEE), Member, 1998-1999

Design-Build Institute of America (DBIA), Member, 2001-2017

### **National and Regional Committees/Director/Accreditation Team Member**

Member, ACCE Task force for revising Document 103 MD, 2017

Visiting Team Member, American Council for Construction Education (ACCE), 2017.

Member, ACCE Guidance and Standard Committees, 2016-Present

Member, DBIA Student Academia Outreach Committee, 2014-2016

Visiting Team Member, American Council for Construction Education (ACCE), 2015.

Visiting Team Member-in-Training, American Council for Construction Education (ACCE), 2011.

Chair, International Associated Schools of Construction Marketing Task Force, 2010-2011.

Chair, International Associated Schools of Construction Education Committee, 2010.

Faculty Liaison, Upstate Council of the Associated Builders and Contractors (ABC), 2009-2013.

Member, International Associated Schools of Construction Board of Reviewers, 2007-Present

Member, Associated Schools of Construction National Board of Directors, 2006-2011

Director, Associated Schools of Construction Region II-Southeast Region, 2006-2011

Chair, Publications Subcommittee, American Institute of Constructors, 2003-2004

Co-Chair, Publications Subcommittee, American Institute of Constructors, 2001-2002

Member, American Institute of Constructors Board of Reviewers, 2001-Present

### **Clemson University Committees**

Chair, CSM TPR Committee, 2019-2020

Chair, CSM Endowed Professor Screening Committee, 2019-2020

Chair, CSM Endowed Chair Reappointment Committee, 2019-2020

Member, CAAH Dean Search Committee, 2019-2020

Member, CSM Department Chair Reappointment Committee, 2018-2019

Chair, Department of CSM Faculty Search Committee, 2018-2019

Member, Department of Civil Engineering Faculty Search Committee, 2018-2019

Chair, Department of CSM Faculty Search Committee, 2017-2018

Member, CU Graduate School Holistic Review Task-Force, 2017-2018

Member, Department of CSM Faculty Search Committee, 2015-2016

Chair, CSM Endowed Professor Search-and-Screening Committee, 2015-2016

Member, CSM Endowed Chair Reappointment Committee, 2015-2016

Member, AAH STEAM Taskforce, 2014-2016

Chair, CSM ByLaws TPR Taskforce, 2013-2014

Member, CSM Department Chair Reappointment, 2014

Member, CSM TPR Committee, 2013-present

Chair, Department of CSM Faculty Search Committee, 2010-2013

Member, Clemson University Graduate Council, 2010-Present.

Chair, CSM TPR Committee, 2008

Member, Clemson University Faculty Senate Finance Committee, 2008-2010

Member, AAH PDBE PhD Faculty committee, 2008 - 2009

Member, Clemson University Graduate grievance Committee, 2007-Present

Senator, Clemson University Faculty Senate, 2007-2010

Member, Clemson University Faculty Senate Research Committee, 2007-2008

Member, Clemson University Faculty Senate Accident Review Board, 2007-2010

Member, College of Architecture, Arts, and Humanities (AAH) Associate Dean for Academic Affairs Search Committee, 2007

Member, College of Architecture, Arts, and Humanities (AAH)-Department of Construction Science & Management (CSM) Chair Search Committee, 2006-2007

Member, College of AAH Sustainability Curriculum Committee, 2006-2009

Chair, Department of CSM Faculty Search Committee, 2005-2006

Member, University Graduate Curriculum Committee, 2002-2003

Member, College of AAH Alumni Professor Committee, 2004

Chair, AAH Department Chair Review Committee for Chair of CSM Department, 2003

Member, College of AAH Gen Ed Task Force, 2002

Member, College of AAH Curriculum Committee, 2000-2003

Member, College of AAH Search Committee for Chair of CSM Department, 1999

Member, CSM Peer Review Committee, 2005, 2004

Chair, Department of CSM Curriculum Committee, 2000-2003

Member, Department of CSM Faculty Search Committee, 2000

### **Master of Construction Science and Management Graduate Committees**

Chair, CSM Graduate Thesis Committee for Robert (Bob) D. Coffey, Thesis: "Learning Styles of Undergraduate Construction Management Students and Their Impact on Best Practices for Online Education," May 2020

Chair, CSM Graduate Non-Thesis Committee for Jeffrey Miller, Saisrineeharika Vijayarao, Disha Shah, Darshan Nair, Subiksha Ravichander, Nicholas Fields, Tanin Haidary, Naqibullah Hotak, Benjamin Thomas, Yelizaveta Justus, Karthik Natarajan, Fall 2017-Spring 2018

Co-Chair, CSM Graduate Non-Thesis Committee for Ahmad Amiri, Summer 2017

Chair, CSM Graduate Non-Thesis Committee for Karthik Natarajan, Jeffery Miller, and Michael Allen, Spring 2017

Member, CSM Graduate Non-Thesis Committee for Kiran Nerlekar, Kyle Drumheller, Thomas Welshand, Spring 2017

Chair, CSM Graduate Non-Thesis Committee for Jackson Liner and Jordan Frank, Fall 2016

Chair, CSM Graduate Non-Thesis Committee for Edward Gregory and Jordan Sease, Spring 2016

Member, CSM Graduate Non-Thesis Committee for Sai Addagalla, Raj Gupta, and Khoi Ngo, Spring 2016

Member, CSM Graduate Thesis Committee for Adam Hall, Fall 2015

Chair, CSM Graduate Non-Thesis Committee for Brian Burgess and Juan Gomez, Spring 2015

Member, CSM Graduate Committee for Dileepnath Addepalli and Yamini Lavang, Summer 2015

Member, CSM Graduate Committee for Javon James, Spring 2015

Member, CSM Graduate Non-Thesis Committee for Varahee Madadi, December 2014



Chair, CSM Graduate Non-Thesis Committee for Ross Talbot, Spring 2014  
Chair, CSM Graduate Non-Thesis Committee for Vishwaja Ghate, Spring 2013  
Member, CSM Graduate Committee for Daniel Werts and J. Evan Davis, Fall 2012  
Chair, CSM Graduate Committee for Christopher Bowers, August 2012  
Chair, CSM Graduate Committee for Mahlet Walelign, Spring 2012  
Member, CSM Graduate Committee for Daniel Mattox, Spring 2012  
Chair, CSM Graduate Committee for Saiprasad Sawant, Spring 2011  
Member, CSM Graduate Committee for Jade Bellack, Spring 2011  
Member, CSM Graduate Committee for Mark Vandyke and John Earley, Fall 2010  
Chair, CSM Graduate Committee for Geo Othalakuzhy, Abhishek Sharma, and Patrick Yono, Spring 2010  
Member, CSM Graduate Committee for Kalyanaraman Balasu, Blake Boyd, Phelps Anderson, Camille Denham, Bobby Mojica, Lavanya Kilaru, and SnehaTejwani, Spring 2010  
Member, CSM Graduate Committee for Swetha Gadwal, Spring 2007  
Member, CSM Graduate Committee for Manmadh Rebba, Spring 2006

### **Student Association Group Advising**

Faculty Advisor, CU Construction Women (CUCW), Clemson University, 2018-present.  
Co-Faculty Advisor, Sigma Lambda Chi, Clemson University, 2018-2019.  
Faculty Advisor, the Associated Builders and Contractors (ABC) Student Chapter, Clemson University, 2010-2013.  
Faculty Advisor, Design-Build Institute of America (DBIA) Student Chapter, Clemson University, 2002-Present  
Co-Faculty Advisor, DBIA Student Chapter, Clemson University, served as co-faculty advisor with Dennis Bausman of CSM and Jori Erdman of Architecture, 2001  
Co-Faculty Advisor, Sigma Lambda Chi, Tau Chapter, Clemson University, co-faculty advisor with Christine Piper of CSM Department, 1999-2001

### **Guest Lecturer and Jury Member**

Guest Lecturer, "Faculty Introduction and Presentation of Teaching Philosophy,"  
CSM 100-Introduction to CSM, 2000-Present

Jury Member, CSM 454 Capstone Oral Presentations, 1998-2005, 2013

Guest Lecturer and Jury Member, "Design-Build Process as it Applies to Student Competitions," CSM 490-Directed Studies, Fall 2003

Guest Lecturer and Jury Member, "Behavior, Advantages, and Disadvantages of Reinforced Concrete Structures;" "Behavior of Tension and Compression Structural Members," ARCH 152-Design Review, 2003

Jury Member, DSIGN 352 and DSIGN 454 Final Design Review, 2002

Jury Member, DSIGN 252 Project Presentations, 1999

Jury Member, DSIGN 251 Space and Movement Project Presentations, 1998

### **Instructional Activities**

Faculty Directed Study Abroad to Costa Rica for Fall 2020 and Spring 2021

Developed a course entitled, "Construction Safety and Communication in Costa Rica," Academic Partner: Costa Rica Global Learning Programs, which represents the study abroad programs of Universidad de las Ciencias y el Arte:

<https://terradotta.app.clemson.edu/index.cfm?FuseAction=Programs.ViewProgramAngular&id=12581>, May 2020

Coach/Teacher/Advisor for Clemson University's Student

Design-Build Competition Team. Students from Construction Science & Management and Architecture were introduced to the Design-Build Project Delivery Method. Coordinated & made arrangements for faculty from Construction Science & Management, Architecture, and Civil Engineering as well as Industry Experts to give seminars in their area of expertise relative to Design-Build process. 2005-2018.

Coordinated & made arrangements for Southern Pine Council's seminar called "Wood Is Today." Attendees were students & faculty from Construction Science & Management, Architecture, Civil Engineering, and Agricultural Engineering, March 15, 2002

### **Teaching Assignments**

Clemson University:

PDBE 8160-Research Design Practicum, Spring 2020

CSM 8910-Master's Thesis Research, Fall 2019; Spring 2020

CSM 8360-Managing Integrated Project Delivery, Fall 2019, 2018

PDBE 8080-Readings in Construction Science and Management, Fall 2018; Spring 2019

CSM 8900-Directed Studies, Fall 2018

CSM 8350-Case Studies in Integrated Project Delivery, Summer 2019, Spring 2018

CSM 8330-Fundamentals of Integrated Project Delivery Systems, Summer 2020; Spring 2019; Fall 2017

CSM 3030-Soils and Foundations, Fall 2016

CSM 2010-Structures I (Statics and Strength of Materials), Spring 2020, Fall 2019, 2018, 2017, 2016, 2015, 2014, 2013

CSM 2020/CSM 2021-Structures II (Design/Analysis of Steel/concrete/Wood/Formwork Members), Summer 2019, Spring 2018, 2017, 2016, 2015, 2014

CSM 8520-Construction Management Research, Fall 2015, 2014, 2013

CSM 201-Structures I (Statics and Strength of Materials),  
Fall 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2002, 2001,  
1999, 1998; Summer 2002, 1999

CSM 202-Structures II (Design/Analysis of Steel/concrete/Wood/Formwork Members),  
Spring 2013, 2012, 2011, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2002, 2001,  
2000, 1999

CSM 301-Structures III (Reinforced Concrete Design & Formwork),  
Fall 2006, 2005, 2004, 2003, 2000; Summer 1999, Fall 1998

CSM 302-Structures IV (Concrete/Masonry Design), Spring 1999

CSM 490-Directed Studies-Design-Build Student Competition, Fall 2009, 2008, 2007,  
2006, 2005; Spring 2009, 2007, 2006  
Co-taught with Dennis Bausman of CSM, 2003

CSM 4980-Current Topics in Construction-Heavy/Civil Student Competition, Fall 2018,  
2017, 2016, 2014

CSM 498-Current Topics in Construction-Design-Build (D/B) and Commercial Student  
(CS) Competitions, Fall 2012, 2011, 2010; Spring 2012  
Co-taught D/B with Sallie Hambright-Belue of Architecture, 2012  
Co-taught CS with Erik Simon and Noel Carpenter, PhD students in PDBE, 2010-  
2012

CSM 852-Construction Management Research, Fall 2012, 2011, 2010, 2009, 2008, 2007,  
Spring 2006

CSM 8890-Special Problems, Fall 2016, Spring 2016, 2015, 2013, 2012, 2011, 2010, 2009,  
2008

CSM 8900-Directed Studies, Spring 2016, Fall 2012, Spring 2012, 2011

University of Tennessee:

CE 210 and CE 210 Lab-Engineering Surveys, Spring 1998  
CE 261-Structural Analysis I, Summer 1996

Pellissippi State Technical Community College:

RSM 0730, Pre-Algebra, Spring 1998  
DSM 0830, Algebra I, Spring 1998

**Community Committees**

President, Tillman Place Homeowner's Association, Clemson, SC, 2009-2010  
Vice-President, Tillman Place Homeowner's Association, Clemson, SC, 2008-2009  
Vice-President, D.W. Daniel High School Air Force Junior ROTC Booster Club, Central, SC, 2002-2004  
Advancement Officer and Committee Member, Boy Scouts of America Troop 161, Clemson, SC, 2001-2005

**Professional and Personal Development Activities**

Attended American Council for Construction Education (ACCE) Annual Meeting, Philadelphia, PA, July 2019.  
Attended American Council for Construction Education (ACCE) Annual Meeting, Calgary, Canada, July 2018.  
Facilitator/Coordinator "Building Trust through Collaborative Project Delivery" Conference and Workshop, hosted by SAR AIA and A+CA, August 2017.  
Attended Associated Schools of Construction 53<sup>rd</sup> Annual International Conference, University of Washington, Seattle, WA, April 2017  
Attended "Engaging with Europe, Enduring Ties, New Opportunities," Watt Family Innovation Center, April 13, 2017.  
Attended CSM 1<sup>st</sup> Annual Construction Industry Symposium, Charlotte, NC, October 2016.  
Attended American Council for Construction Education (ACCE) Mid-Year Meeting, Mobile, AL, February 2016.  
Attended American Council for Construction Education (ACCE) Meeting & Industry Advisory Board (IAB) Event, Louisville, KY, July 2015.  
Attended American Council for Construction Education (ACCE) Mid-Year Meeting & Industry Advisory Board (IAB) Event, Long Beach, CA, February 2015.  
Attended American Council for Construction Education (ACCE) Mid-Year Meeting & Industry Advisory Board (IAB) Event, Tampa, FL, February 2014.  
Attended Architecture + Construction Alliance (A+CA) Spring Meeting, California Polytechnic State University, San Luis Obispo, CA, April 2013  
Attended Associated Schools of Construction 49th Annual International Conference,

California Polytechnic State University, San Luis Obispo, CA, April 2013  
Attended American Council for Construction Education (ACCE) Mid-Year Meeting & Industry Advisory Board (IAB) Event, Baton Rouge, LA, February 2013.  
Attended Clemson University's 2012 ePortfolio Summer Assessment by Faculty, Clemson, SC, July 2012.  
Attended Associated Builders and Contractors, Inc. (ABC) 2012 EdCon & Expo, San Antonio, TX, April 2012  
Attended Associated Schools of Construction 48th Annual International Conference, Birmingham City University, Birmingham, UK, April 2012  
Attended National Association of Home Builders (NAHB) International Builders' Show, Orlando, FL, February 2012  
Attended Associated Builders and Contractors, Inc. (ABC) 2011 EdCon & Expo, San Antonio, TX, April 2011  
Attended Associated Schools of Construction 47th Annual International Conference, University of Nebraska-Lincoln, Omaha, NE, April 2011  
Attended the 2nd International Conference on Transportation Construction Management (TMC), American Road & Transportation Builders Association (ARTBA), Orlando, FL, February 7-10, 2011  
Attended Associated Schools of Construction 46th Annual International Conference, Wentworth Institute of Technology, Boston, MA, April 2010  
Attended Associated Schools of Construction 45th Annual International Conference, University of Florida, Gainesville, FL, April 2009  
Attended and coordinated ASC Region II 2008 Mid-Year Business Meeting & Conference, Jacksonville, FL, October 2008  
Attended Associated Schools of Construction 44th Annual International Conference, Auburn University, Auburn, AL, April 2008  
Attended and coordinated ASC Region II 2007 Mid-Year Business Meeting & Conference, Jacksonville, FL, November 2007  
Attended Associated Schools of Construction 43rd Annual International Conference, Northern Arizona University, Flagstaff, AZ, April 2007  
Attended and coordinated ASC Region II 2006 Mid-Year Business Meeting & Conference, Charlotte, NC, October 2006  
Attended "Principles of Design-Build Project Delivery" course, sponsored by DBIA and California Center for Construction Education, San Luis Obispo, CA, June 2006  
Attended Associated Schools of Construction 42nd Annual International Conference, Colorado State University, Fort Collins, CO, April 2006  
Attended American Institute of Constructors (AIC) Annual Forum & Educational Workshop, Chicago, IL, April 2006  
Attended The GreenExpo, sponsored by Clemson University, Clemson, SC, March 2006  
Attended "LEED Workshop/Test Prep Course," sponsored by Emerging Green Builders, Clemson University, Clemson, SC, March 2006  
Attended "Blackboard Training," sponsored by Clemson University, Clemson, SC January 2006  
Attended "LEED Requirements for new and substantially remolded Rework Buildings,"

sponsored by USGBC Education Committee, Clemson, SC, September 2005

Attended "Seeking Funding" presentation, sponsored by College of Architecture, Arts, and Humanities (AAH), Clemson University, Clemson, SC, December 6, 2004

Attended "Grant Writers' Workshop," sponsored by the Office of the Vice president for Research and the College of Engineering and Science, Clemson University, Clemson, SC, November 1, 2004

Attended "Quality Issues in Construction Documents" seminar, sponsored by the American Institute of Steel Construction (AISC), Council of American Structural Engineers (CASE), the Virginia-Carolinas Structural Steel Fabricators Association, and South Carolina Steel, Greenville, SC, June 3, 2004

Attended "Designing, Specifying & Building Masonry Wall Systems" seminar, sponsored by Carolinas Concrete Masonry Association (CCMA), Greenville, SC, April 2004

Attended "Wind & Seismic Design Concepts" seminar, sponsored by American Institute of Architects (AIA), Associated General Contractors of America (AGC), and Construction Specifications Institute (CSI), Greenville, SC, March 18, 2004

Attended American Institute of Constructors (AIC) Mid-Year Board Meeting & Educational Workshop, Milwaukee, WI, October 9-11, 2003

Attended Ethics Across the Curriculum Seminar, "Ethics on the World Stage," Robert J. Rutland Center for Ethics, Clemson University, Clemson, SC, August 11-14, 2003

Attended Associated Schools of Construction 39<sup>th</sup> Annual International Conference, Clemson University, Clemson, SC, April 10-12, 2003

Attended "The Staggered Truss System" and "Building Tomorrow's Steel Frame Parking Structures Today" seminars, sponsored by the American Institute of Steel Construction (AISC) and Virginia-Carolinas Structural Steel Fabricator's Association (VCSFSA), Greenville, SC, March 19, 2003

Attended American Institute of Constructors (AIC) 2003 Annual Forum and Education Conference, Tampa, FL, March 5-9, 2003

Attended Clemson University's Research Emphasis Area Meetings on "Sustainable Environment," "Automotive and Transportation Technology," and "Advanced Materials," Clemson, SC, January-February 2003

Attended "Practical Steel Design: 2-20 Stories" seminar, sponsored by American Institute of Steel Construction (AISC), Greenville, SC, October 2002

Attended American Institute of Constructors (AIC) Mid-Year Board Meeting & Leadership/Educational Workshops, Cleveland, OH, October 2002.

Attended American Institute of Constructors (AIC) 2002 Annual Forum, Las Vegas, NV, March 2002

Attended "Promoting Higher Level Thinking" workshop, Co-sponsored by Clemson University's CES and OTEI, Clemson, SC, November 2001

Attended "How to Put Short-Courses On- Line" workshop, sponsored by Clemson University's Office of Continuing Education & RedVector.com, Clemson, SC, October 2001

Attended "Student-Directed Discussion: Getting Your Students to Do the Thinking" workshop, sponsored by Clemson University's OTEI, Clemson, SC, August 2001

- Attended “Where Our Students Are Coming From: The Values and Attitudes of Generation Y,” sponsored by Clemson University’s OTEI, Clemson, SC, March 2001
- Attended American Institute of Constructors (AIC) 30<sup>th</sup> Anniversary Meeting and Education Conference, Orlando, FL, February 2001
- Attended “Presenting the Self, Presenting the Discipline: The Conscious Teacher in the Undergraduate Classroom” workshop, sponsored by Clemson University’s OTEI, Clemson, SC, January 2001
- Attended the 79<sup>th</sup> Annual Transportation Research Board Meeting in Washington, D.C., January 2000
- Attended Clemson’s “Focus – South Carolina” tour, May 1999
- Attended “Designing Effective Web- Site for Teaching” workshop, sponsored by American Society for Engineering Education (ASEE), Clemson, SC, April 1999
- Attended “Construction Management of Steel Construction Faculty Workshop”, sponsored by American Institute of Steel Construction (AISC), Chicago, IL, March 1999
- Attended Associated Schools of Construction (ASC) Southeast 1998-99 Regional Meeting, Atlanta, GA, November 1998
- Attended “Steel Railroad Bridges” continuing education course at University of Tennessee, Knoxville, TN, 1997
- Attended “Concrete in Maintenance and Utility Application” continuing education course at University of Tennessee, Knoxville, TN, 1997
- Attended “Timber Bridge Inspection and Safety for Railroads” continuing education course at University of Tennessee, Knoxville, TN, 1994