2011 Awards Program

April 3 • Marriott Tampa Waterside • Tampa, FL

Table of Contents

HONORARY MEMBERSHIP

Zdeněk P. Bažant
Nicholas J. Carino
Terence C. Holland
Tony C. Liu
Shunsuke Otani
Richard D. Stehly*

50-YEAR MEMBERSHIP

Hiroyuki Aoyama
Hansraj Ashar
Simeon Beer
Ian M. Dance
Kurt H. Gerstle
Paul Gordon
Roger Green
Zareh B. Gregorian
William Hanuschak
Robert Hodnett
Eugene P. Holland
Jules Houde
Thomas T. C. Hsu
Merl Isaak
James O. Jirsa
Alfred Kaufman
Wataru Koyanagi
Thomas A. McCormick
Carson K. C. Mok
Sharad (Steve) Parikh
Kenneth H. Pukita
Charles H. Raths
John E. Sadler
Phil Seabrook
Dale M. Stevens
R. Sundaram
Warren H. Trester
Leslie Vides
René Walther
Arnold Wilson

FELLOWS

Julie K. Buffenbarger
Fernando J. Fernandez
Fred Goodwin
Brian H. Green
Patrick J. Harrison
Mary Beth Deisz Hueste
Shyh-Jiann Hwang
Roger S. Johnston
Allan R. Kenney
William M. Klorman
Jason J. Krohn
Victor C. Li
Faris A. Malhas
Stephen S. Marchese
Tracy Marcotte
Donald M. Marks
Robert A. Nuñez
Carlos E. Ospina
Gustavo J. Parra-Montesinos
John W. Roberts
Koji Sakai
Yixin Shao
Hitoshi Shiohara
Jongsung Sim
David Suchorski
Stephen S. Szoke
Suneel N. Vanikar
Cloyd E. (Joseph) Warnes
Charles A. Weiss Jr.
Michelle L. Wilson

ARTHUR R. ANDERSON AWARD

Robert Douglas Hooton

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

Michael J. Schneider

JOE W. KELLY AWARD

Abdeldjelil Belarbi

HENRY L. KENNEDY AWARD

William E. Rushing Jr.

ALFRED E. LINDAU AWARD

Colombian Association for Earthquake Engineering (AIS)

HENRY C. TURNER MEDAL

Frank Anthony Kozeliski

*posthumously

CHARLES S. WHITNEY MEDAL
Computers & Structures, Inc.

ACI CERTIFICATION AWARD
Khaled Walid Awad • Alfred Kaufman • John J. Schemmel

ACI DISTINGUISHED ACHIEVEMENT AWARD
Florida Concrete and Products Association (FC&PA)

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT
Rishi Gupta • Devin K. Harris • Anthony J. Lamanna

WASON MEDAL FOR MOST MERITORIOUS PAPER
Selçuk Saatci and Frank J. Vecchio

ACI CONSTRUCTION AWARD
Bruce A. Suprenant and Ward R. Malisch

WASON MEDAL FOR MATERIALS RESEARCH
Kyle A. Riding • Jonathan L. Poole • Anton K. Schindler
Maria Juenger • Kevin J. Folliard

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH
Shih-Ho (Simon) Chao • Antoine E. Naaman • Gustavo J. Parra-Montesinos

ACI DESIGN AWARD
Mark B. Stevenson • Leo Panian

DELMAR L. BLOEM DISTINGUISHED SERVICE AWARD
Fred Goodwin • Andrew Scanlon • Carlos Videla

CHAPTER ACTIVITIES AWARD (DOMESTIC)
Mark A. Cheek • Dawn Miller

CHAPTER ACTIVITIES AWARD (INTERNATIONAL)
Alejandro Durán-Herrera • Guillermo Santana

WALTER P. MOORE, JR. FACULTY ACHIEVEMENT AWARD
Stephan A. Durham

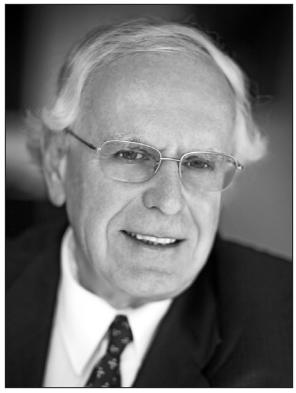
CHAPTER AWARDS – CITATIONS OF EXCELLENCE
See page 40

ACI AWARD FOR UNIVERSITY STUDENT ACTIVITIES
See page 41

EDUCATIONAL ACTIVITIES COMMITTEE SPEAKER OF THE YEAR AWARD
Lawrence C. Novak

Honorary membership— *The Institute's highest honor recognizes persons "of eminence in the field of the Institute's interest, or one who has performed extraordinary meritorious service to the Institute." (Bylaws, Article II, Section 2.) Established in 1926, 214 have been elected to this position.*

"for his lifetime technical contributions in the field of concrete material modeling and for his leadership in the application of fracture mechanics to cementitious materials and concrete structures"

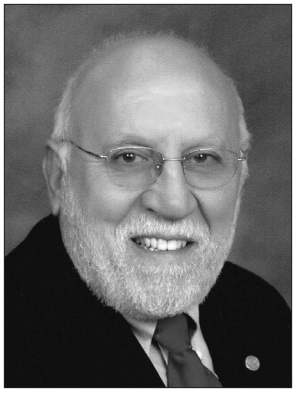


Zdeněk P. Bažant

Zdeněk P. Bažant received his civil eng. degree from CTU (Czech. Tech. University), Prague (1960); PhD from Czech. Academy of Sciences (1963); physics diploma from Charles University, Prague (1966); and Docent degree from CTU (1997). He is the McCormick Institute Prof. and W.P. Murphy Prof. of Civil Eng. and Materials Science at Northwestern University, where he founded the Center for Concrete and Geomaterials (director, 1981 to 87). He founded and chaired ACI Committee 446, Fracture Mechanics and serves on ACI Committees 209, 348, 445, and 447.

Bažant is a member of the Nat. Academy of Sciences (2002), Nat. Academy of Engineering (1996), AAAS (2008), Austrian Academy of Sciences, Italian Nat. Academy (dei Lincei), Spanish Royal Academy of Eng., Istituto Lombardo, Czech Academy of Eng., and Eur. Academy of Sci. and Arts. He was Editor of ASCE *Journal of Eng. Mech.*, President of Soc. of Eng. Science, founding President of IA-FRAMCOS and IA-CONCREEP; member of U.S. Nat. Comm. on Theor. and Appl. Mech.; and is a registered structural engineer in Illinois. His honors include: 6 honorary doctorates (Boulder, Prague, Milan, Karlsruhe, Lyon, Vienna); ASCE Hon. Member; SES Prager Medal; ASME Timoshenko Medal, Nadai Medal, and Warner Medal; ASCE von Karman Medal; Newmark Medal, Lifetime Achievement Award, Croes Medal, Huber Prize, and T.Y. Lin Award; Exner Medal (Vienna); RILEM L'Hermite Medal; Am. Ceramic Soc. Roy Award; Torroja Medal (Spain); Šolín, Bažant (Sr.) (Prague) and Stodola (Bratislava) Medals; Czech Society for Mech. Medal; IACMAG Outstanding Contrib. Award; ICOSSAR Lecture Award; SEAOI Meritorious Paper Award; Best Eng. Book-of-the-Year Award (SAP); and others. Bažant was honored by 60th and 70th birthday workshops of ASCE, ASME, IA-FRAMCOS, ECCOMAS, and TCI. The titles of his six books, *Scaling of Structural Strength*, *Inelastic Analysis*, *Fracture and Size Effect*, *Stability of Structures*, *Concrete at High Temperature*, and *Concrete Creep*, indicate his research interests. He has published more than 500 refereed journal articles. With the H-index of 55 and more than 14,500 citations, he is one of the original top 100 ISI Highly Cited Scientists in Eng.

Honorary Members



Nicholas J. Carino

"for his outstanding contributions as a researcher in the fields of concrete materials, nondestructive testing, and maturity concepts; his leadership in standards development; and his service to ACI"

Nicholas J. Carino, FACI, is a Concrete Technology Consultant in Chagrin Falls, OH. He is also an Affiliated Consultant to the Cleveland office of Wiss, Janney, Elstner Associates, Inc. In 2004, he retired from the National Institute of Standards and Technology (NIST) after 25 years of service as a Research Structural Engineer. His research activities at NIST were in the areas of in-place testing of concrete for strength, nondestructive methods for flaw detection in concrete, and high-performance concrete. He was also involved in many NIST investigations of structural performance, including the World Trade Center disaster. From 1974 to 1979, he was an Assistant Professor at the University of Texas at Austin, Austin, TX.

Carino is a member and past Chair of ACI Committee 228, Nondestructive Testing of Concrete; and a member of ACI Committees 301, Specifications for Concrete; 329, Performance Criteria for Ready Mixed Concrete; 437, Strength Evaluation of Existing Concrete Structures; E707, Specification Education; and ACI Subcommittee 318-A, General Concrete and Construction. He is also a member of the TAC Construction Standards Committee and the SDC Technology Transfer Advisory Group.

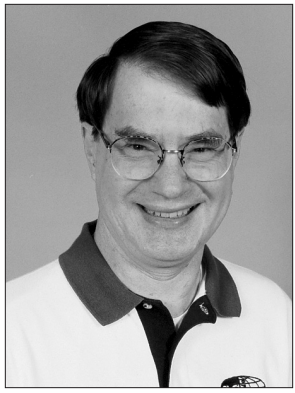
He is a past Chair of the Fellows Nomination Committee; ACI Committee 306, Cold Weather Concreting; and the TSC-TAC Specifications Committee.

He is a past member of the ACI Board of Direction, the Technical Activities Committee (TAC), and ACI Task Groups ITG 7, Specification for Tolerances for Precast Concrete, and ITG 8, Performance Criteria for Concrete Materials.

Carino received the ACI Wason Medal for Materials Research in 1986, 1991, 1994, and 2004; the Delmar L. Bloem Distinguished Service Award in 1993; the Robert E. Philleo Award in 2004; and the Arthur R. Anderson Award in 2008.

Carino is a Fellow of ASTM International and a member of the American Society of Civil Engineers (ASCE). He is Co-Editor of the *Handbook on Nondestructive Testing of Concrete*. Carino received his BS, MS, and PhD from Cornell University, Ithaca, NY, in 1969, 1971, and 1974, respectively.

"for his outstanding achievements and contributions to ACI and the international concrete industry, particularly in the fields of concrete construction practices and concrete-related materials; for improving the concrete industry by pioneering numerous revolutionary admixtures; and for global dissemination of concrete knowledge through teaching and code development"



Terence C. Holland

Terence C. Holland, FACI, owns a private engineering consulting firm in Auburn Township, OH. Prior to establishing his own firm, Holland was Director of Engineering, Admixture Division, Master Builders Inc., Cleveland, OH. He was also an Officer in the U.S. Army Corps of Engineers in Vietnam and Korea and a Civilian Research Engineer with the Corps at its Structures Laboratory, Waterways Experiment Station, Vicksburg, MS.

Holland is a past member of the ACI Board of Direction and was elected ACI President in 2002. He is also a past Chair of the Technical Activities Committee (TAC); his 3-year tenure as TAC Chair concluded in March 2000. He is a member and past Chair of ACI Committee 234, Silica Fume in Concrete, and is a member of ACI Committees 130, Sustainability of Concrete; 304, Measuring, Mixing, Transporting, and Placing Concrete; and 318, Structural Concrete Building Code. He is a past member of the Board Advisory Committee on Sustainable Development, the Publications Committee, the Construction Liaison Committee, the TAC Technology Transfer Committee, the TAC Metrication Committee, the Convention Committee, and ACI Committees 363, High-Strength Concrete, and 546, Repair of Concrete. Holland is also a member of several professional societies.

In 1991, Holland received the ACI Construction Award for his paper on silica fume applications in the U.S., which was published in SP-114, *Fly Ash, Silica Fume, Slag, and Natural Pozzolans in Concrete*. In 1997, he received the Delmar L. Bloem Distinguished Service Award for his work with ACI Committee 234, Silica Fume in Concrete and other technical committees. In addition, organizers of a CANMET/ACI International Conference honored Holland's contributions related to condensed silica fume usage. In 2007, a symposium on Advances in Concrete Technology was held in his honor in Warsaw, Poland.

A graduate of the U.S. Military Academy, West Point, NY, he received his MS and PhD in civil engineering from the University of California, Berkeley, Berkeley, CA, in 1974 and 1983, respectively.

Honorary Members

Tony C. Liu

"for his outstanding service and contributions to ACI and for his achievements in applied research in the design and construction of dams and other concrete hydraulic structures, concrete repair, and sustainable concrete technology"

Tony C. Liu is a Visiting Professor and Director of the Sustainable Infrastructure Research Center in the Department of Civil Engineering at National Taiwan University, Taipei, Taiwan. He retired from the U.S. Army Corps of Engineers in January 2005 after 30 years of distinguished service.

An ACI Fellow since 1982, Liu served on the ACI Board of Direction from 2002 to 2005 and the Technical Activities Committee (TAC) from 1995 to 2001. He is a past Chair of the Membership Committee and a past member of the International Committee. He is a member and past Chair of ACI Committees 364, Rehabilitation, and 555, Concrete with Recycled Materials. He is also a member of the Fellows Nomination Committee, ACI Committees 437, Strength Evaluation of Existing Concrete Structures, and 546, Repair of Concrete, and Joint ACI-ASCE Committee 441, Reinforced Concrete Columns. He is a past member of the ACI Foundation (formerly the Concrete Research and Education Foundation) and the Concrete Research Council. He is a past Chair of the ASTM International Activities Committee and is a past member of ASTM Committees C01, Cement, and C09, Concrete and Concrete Aggregates.

Liu received the ACI Wason Medal for Materials Research in 1974 and 1983 and the Delmar L. Bloem Award for Distinguished Service in 2004. He received the Commanders Award for Civilian Service in 1994 and 1996 from the U.S. Army Corps of Engineers and the Department of Army Meritorious Civilian Service Award in 2000 and 2004. He is a Fellow of the American Society of Civil Engineers (ASCE), an Honorary Professor of the Nanjing Hydraulic Research Institute in China, and a corresponding member of the Russian International Academy of Engineering in Moscow, Russia.

Liu received his BS in civil engineering from National Chung-Hsing University, Taichung, Taiwan; his MS in civil engineering from the South Dakota School of Mines and Technology, Rapid City, SD; and his PhD in structural engineering from Cornell University, Ithaca, NY, in 1965, 1968, and 1972, respectively. He is a licensed professional engineer in California and Mississippi.

"for leading the way to nonlinear dynamic modeling of reinforced concrete and for catalyzing the intellectual interaction on earthquake engineering between the Americas and Asia"

Shunsuke Otani

Shunsuke Otani is a Professor Emeritus at the University of Tokyo, Tokyo, Japan. He taught at the University of Illinois and the University of Toronto, Toronto, ON, Canada, before joining the faculty at the University of Tokyo in 1979 and Chiba University, Chiba, Japan, in 2003. He retired from university teaching duties in 2008. Otani is a past member of ACI Committees 318, Structural Concrete Building Code, and 442, Lateral Forces. He is a Past Vice President of the Japan Concrete Institute (JCI) and past Chair of the Reinforced Concrete Committee of the Architectural Institute of Japan. He has been a lifetime member of the American Society of Civil Engineers (ASCE) since 2007.

An ACI Fellow since 2005, Otani was the 2009 lecturer in the ACI Commemorative Lecture Series honoring Hardy Cross.

His research interests include laboratory testing, nonlinear static and dynamic analysis, and the structural design of reinforced concrete members and building structures affected by earthquakes.

He received his BEng in architecture from the University of Tokyo in 1966 and his MSc and PhD in civil engineering from the University of Illinois at Urbana-Champaign, Champaign, IL, in 1966 and 1973, respectively.

Honorary Members

Richard D. Stehly

"for his outstanding achievements and contributions to ACI in the area of international outreach; for his enduring legacy as an expert in materials for construction; and for his enthusiasm, vision, passion and commitment to making the concrete industry more sustainable"

Before his sudden death in September 2010, ACI President Richard D. Stehly was Principal of American Engineering Testing, Inc., Minneapolis, MN. Stehly founded American Engineering Testing with three others in December 1989. He started American Petrographic Services in 1990. The businesses currently have 15 offices and 300 employees.

A member of ACI since 1980, he is a past Chair of the Board Advisory Committee on Sustainable Development (now discharged), the Chapter Activities Committee, and the Strategic Planning Task Group. He is also a past member of the Financial Advisory Committee; ACI Committees 130, Sustainability of Concrete; and 318 WA, International Workshop—Structural Concrete in the Americas; and the Seminar Oversight Committee. He is also a past member of the Task Group on International Strategy, which led to the formation of the International Committee, for which he served as the first Chair. Stehly is a past member of the ACI Board of Direction and was named a Fellow of the Institute in 2000. Stehly traveled to more than 25 countries on behalf of ACI, presenting lectures on various concrete topics to ACI chapter members.

He was extensively involved in fly ash applications. The first ACI committee he served on was ACI Committee 226, Fly Ash, Other Pozzolans, and Slag (now discharged). He held a patent on a process to convert alum waste into a pozzolan.

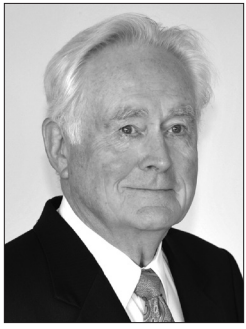
He received his BS in civil engineering from the University of Minnesota, Minneapolis, MN. He was a licensed civil engineer in Minnesota and Wisconsin. He taught soil engineering at community colleges in the Minneapolis area for more than 25 years.

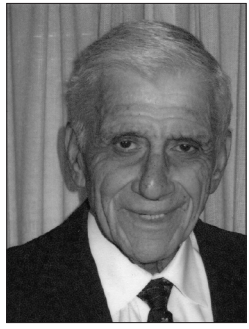
50-Year Membership Citations

Expression of appreciation to members who have contributed to the success of the Institute by maintaining membership of at least 50 years.


Hiroyuki Aoyama


Hansraj Ashar

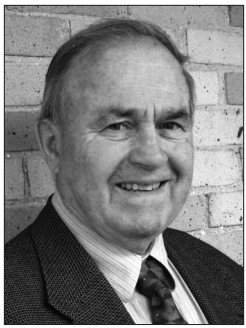

Ian M. Dance


Paul Gordon

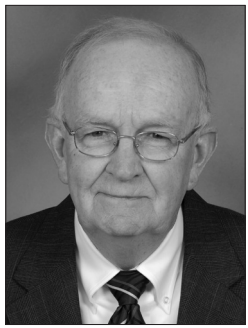

Roger Green


Zareh B. Gregorian

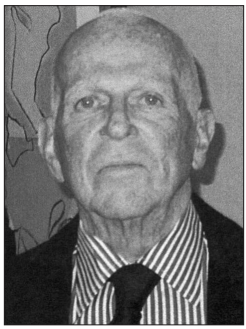
50-Year Membership Citations



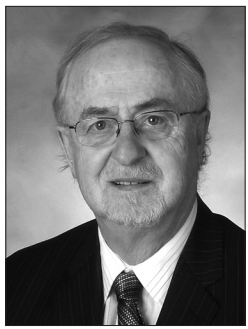
William Hanuschak



Robert Hodnett



Eugene P. Holland

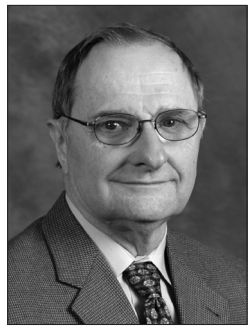


Jules Houde

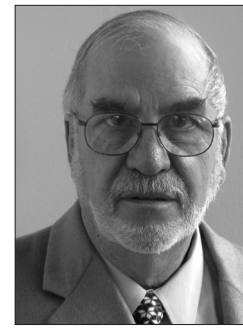
Thomas T. C. Hsu

Merl Isaak

50-Year Membership Citations



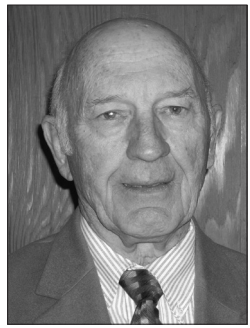
James O. Jirsa



Alfred Kaufman

Carson K. C. Mok

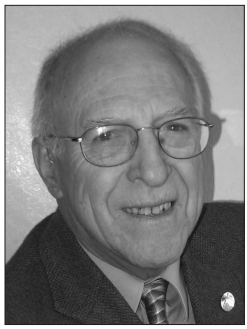
Sharad (Steve) Parikh



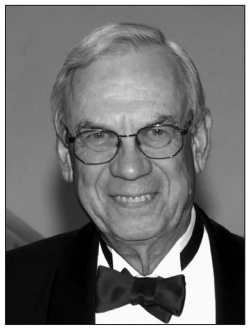
Kenneth H. Pukita

Charles H. Raths

50-Year Membership Citations

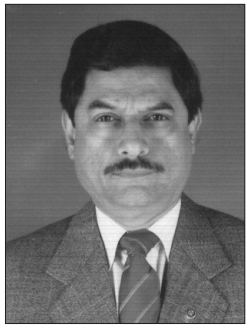


John E. Sadler

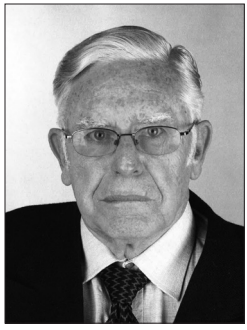


Phil Seabrook

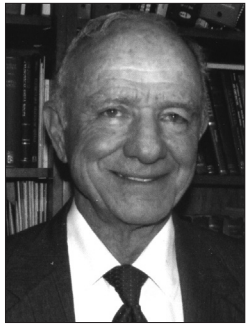
Dale M. Stevens



R. Sundaram



René Walther



Arnold Wilson

Not Pictured:

Simeon Beer
Kurt H. Gerstle
Wataru Koyanagi
Thomas A. McCormick
Warren H. Trester
Leslie Vides

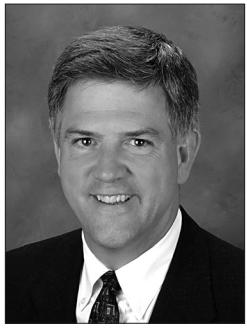
Fellow—*"A Fellow shall be a person who has made outstanding contributions to the production or use of concrete materials, products, and structures in the areas of education, research, development, design, construction, or management." (Bylaws, Article II, Section 3.) Created in 1973, 672 members now hold the position of Fellow. They are recommended by the Fellows Nomination Committee and elected by the Board of Direction.*

Julie K. Buffenbarger

Fernando J. Fernandez

Fred Goodwin

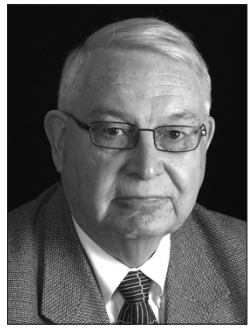
Brian H. Green



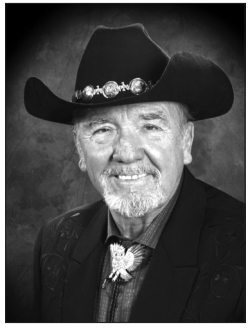
Patrick J. Harrison

Mary Beth Deisz Hueste

Shyh-Jiann Hwang



Roger S. Johnston



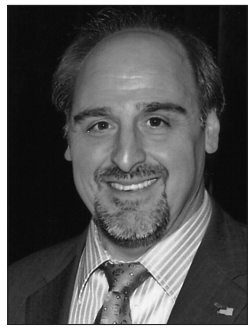
Allan R. Kenney

William M. Klorman

Jason J. Krohn

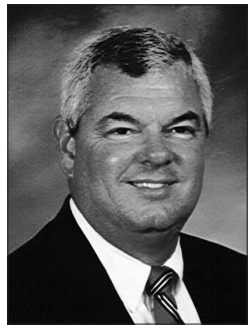
Victor C. Li

Faris A. Malhas



Stephen S. Marchese

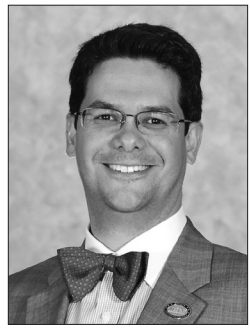
Tracy Marcotte



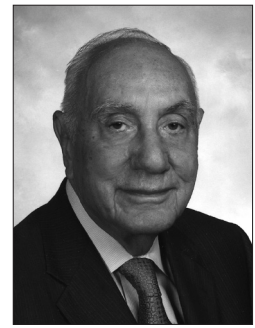
Donald M. Marks

Robert A. Nuñez

Carlos E. Ospina



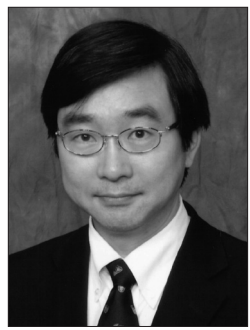
Gustavo J.
Parra-Montesinos



John W. Roberts

Koji Sakai

Yixin Shao

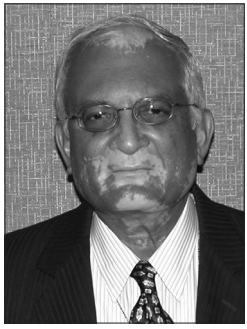


Hitoshi Shiohara

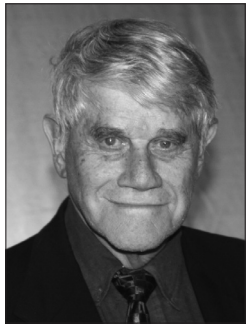
Jongsung Sim

David Suchorski

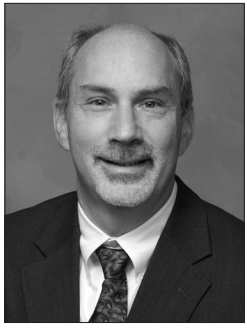
Stephen S. Szoke



Suneel N. Vanikar



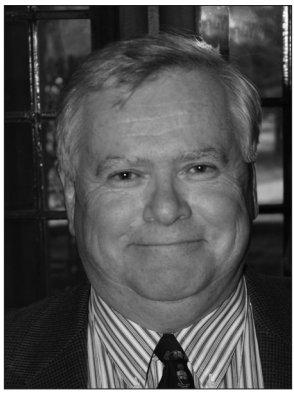
Cloyd E. (Joseph) Warnes



Charles A. Weiss Jr.

Michelle L. Wilson

Arthur R. Anderson Award



Robert Douglas Hooton

"in recognition of his outstanding contributions to knowledge of the durability of concrete and the use of supplementary cementitious materials, and for his efforts in transferring research into practice through improved standards and specifications"

(For bio see page 57)

The **Arthur R. Anderson Award** was established in 1972 by the Institute in recognition of Arthur R. Anderson, Past President of the Institute, for his imaginative and outstanding leadership and insistence on excellence of concrete quality for engineering works.

The award is given for outstanding contributions to the advancement of knowledge of concrete as a construction material and need not be presented each year. All persons, firms, corporations, or organizations are eligible to receive the award.

Roger H. Corbetta Concrete Constructor Award

Michael J. Schneider

"in recognition of his outstanding contributions to improve the concrete construction industry through the American Concrete Institute and the American Society of Concrete Contractors"

(For bio see page 58)

The **Roger H. Corbetta Concrete Constructor Award** was established in 1972 by the Institute in recognition of Roger H. Corbetta, Past President of the Institute, for his creative leadership and his many outstanding contributions to the use of concrete for construction.

The award is given to an individual or an organization who, or which, as a constructor, has made significant contributions to progress in methods of concrete construction.

Joe W. Kelly Award

"is recognized for his innovative and effective teaching of structural concrete and for contributions to ACI educational and technical committees related to teaching methods, student involvement, and concrete design"

(For bio see pages 58-59)

Abdeldjelil Belarbi

The **Joe W. Kelly Award** was established in 1974 in recognition of the contributions of Joe W. Kelly, Past President of the Institute, to concrete technology, his devotion to teaching, the advancement of his profession, and the use of concrete in constructon.

The award is given only for outstanding contributions to education in the broad field of concrete.

Henry L. Kennedy Award

"in recognition of his outstanding service to the Institute and his leadership of many educational and administrative committees, including his commitment to the Institute when facing great challenges after Hurricane Katrina"

(For bio see page 59)

William E. Rushing Jr.

The **Henry L. Kennedy Award** was established in 1958. The award is given only for outstanding technical or administrative service to the Institute and is not mandatory each year. The basis for selection of awardees is outstanding activity or service that has enhanced the Institute's prestige, marked leadership in technical, administrative, or special committee work, or other distinguished service to the Institute.

Alfred E. Lindau Award

Asociación Colombiana de Ingeniería Sísmica

"for more than 35 years of leadership in Building Code development improving design and construction practices for structural concrete, and building and bridge seismic safety in general"

(For bio see pages 59-60)

Colombian Association for
Earthquake Engineering (AIS)

The **Alfred E. Lindau Award** is presented for outstanding contributions to reinforced concrete design practice, and is given in memory of Alfred E. Lindau, a Past President of the Institute. Founded in 1947, the award is open to any and all persons, firms, or corporations involved in concrete design.

Henry C. Turner Medal

"in recognition of his many outstanding contributions to the Institute in the areas of education, including student activities, and his contributions on specialized issues such as those involved in providing ready-mix concrete in rural areas involving extremely long hauls"

(For bio see pages 60-61)

Frank Anthony Kozeliski

The **Henry C. Turner Medal** was founded in 1927 by Henry C. Turner, Past President, American Concrete Institute. It is awarded for notable achievements in, or service to, the concrete industry.

In making selections for the Turner Medal, the committee is not restricted to members of the Institute nor to the achievements of any particular period. It may be awarded once in any year.

Charles S. Whitney Medal

"for 30 years of development of world-class computer applications for analysis and design of structures that have changed and modernized structural engineering practice to a level never envisioned just a few decades ago"

COMPUTERS & STRUCTURES INC.

(For bio see page 61)

Computers & Structures, Inc.

The **Charles S. Whitney Medal** is presented for Engineering Development, and was founded in 1961 by Ammann and Whitney to honor the memory of Charles S. Whitney. It may be bestowed once in any year, for noteworthy engineering development work in concrete design or construction. The recognition may be extended to a firm or agency alone or to an individual.

Any outstanding engineering development work contributing importantly, through development of general engineering practice or through application in specific noteworthy projects, to the advancement of the sciences or arts of concrete design or construction, is eligible.

ACI Distinguished Achievement Award

"for their dedication in providing reliable information on the use of high-quality products, training seminars, and educational opportunities to the concrete industry, therefore raising the 'Level of Integrity' of construction throughout the state of Florida"

FLORIDA CONCRETE & PRODUCTS ASSOCIATION, INC.
AGGREGATE · CEMENT · MASONRY · PIPE · READY MIX

(For bio see pages 61-62)

Florida Concrete and Products Association (FC&PA)

The **ACI Distinguished Achievement Award** was established in 2004 "to recognize individuals or entities who have made notable contributions to the advancement of the concrete industry." Nominees must be nonmembers, and the award need not be awarded annually.

ACI Certification Award

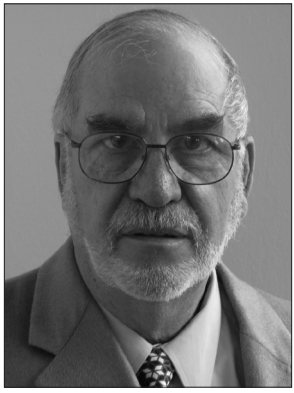
Khaled Walid Awad

"for outstanding service on ACI Certification Committees and facilitating initiation and growth of ACI Certification programs throughout the Middle East"

(For bio see page 62)

The **ACI Certification Award** recognizes individuals and organizations who have made notable contributions to the advancement of ACI Certification. The ACI Certification Award may be presented annually to a maximum of three recipients, but need not be presented each year.

ACI Certification Award



Alfred Kaufman

"for outstanding and tireless service on ACI Certification Committees and in promoting and administering ACI Certification programs"

(For bio see pages 62-63)

The **ACI Certification Award** recognizes individuals and organizations who have made notable contributions to the advancement of ACI Certification. The ACI Certification Award may be presented annually to a maximum of three recipients, but need not be presented each year.

ACI Certification Award

"for outstanding and tireless service on ACI Certification Committees and in supporting, promoting, and administering ACI Certification programs"

John J. Schemmel

(For bio see page 63)

The **ACI Certification Award** recognizes individuals and organizations who have made notable contributions to the advancement of ACI Certification. The ACI Certification Award may be presented annually to a maximum of three recipients, but need not be presented each year.

ACI Young Member Award for Professional Achievement

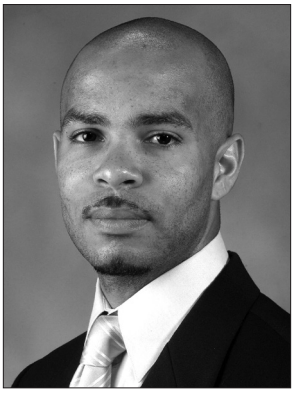
"for scholarly publications; reviewing articles related to FRC and sustainable concrete; teaching concrete technology; mentoring students and foreign-trained professionals; and advising students for ACI student competitions"

Rishi Gupta

(For bio see pages 63-64)

The **ACI Young Member Award for Professional Achievement** was established in 1997 "for the purpose of recognizing the contributions of younger members of the Institute, and for professional achievement." Those selected must be Institute members and 35 years of age or younger at the time of the nomination.

ACI Young Member Award for Professional Achievement



Devin K. Harris

"for contributions to advancing the quality of concrete construction through technology transfer, and for the mentoring of younger colleagues and students"

(For bio see page 64)

The **ACI Young Member Award for Professional Achievement** was established in 1997 "for the purpose of recognizing the contributions of younger members of the Institute, and for professional achievement." Those selected must be Institute members and 35 years of age or younger at the time of the nomination.

ACI Young Member Award for Professional Achievement

Anthony J. Lamanna

"for contributions to advancing the repair and rehabilitation of reinforced concrete structures through research, consulting, teaching, and outreach"

(For bio see pages 64-65)

The **ACI Young Member Award for Professional Achievement** was established in 1997 "for the purpose of recognizing the contributions of younger members of the Institute, and for professional achievement." Those selected must be Institute members and 35 years of age or younger at the time of the nomination.

___ Wason Medal for Most Meritorious Paper

"for his co-authored paper of an experimental program that contributes to the understanding of the effects of shear resisting mechanisms on the behavior of reinforced concrete structures under impact loading"

"Effects of Shear Mechanisms on Impact Behavior of Reinforced Concrete Beams," *ACI Structural Journal*, January-February 2009, pages 78-86

(For bio see page 65)

Selçuk Saatci

The **Wason Medal for Most Meritorious Paper** was founded in 1917 by Leonard C. Wason, Past President of the Institute, and has been awarded continuously since that date. It is awarded each year to the author or authors of the most meritorious paper published by the Institute.

All original papers presented to the Institute by members (or if coauthored, at least one author must be an ACI member) and published by the Institute during the volume year for which the medal is awarded are eligible.

___ Wason Medal for Most Meritorious Paper

"for his co-authored paper of an experimental program that contributes to the understanding of the effects of shear resisting mechanisms on the behavior of reinforced concrete structures under impact loading"

"Effects of Shear Mechanisms on Impact Behavior of Reinforced Concrete Beams," *ACI Structural Journal*, January-February 2009, pages 78-86

(For bio see page 65)

Frank J. Vecchio

The **Wason Medal for Most Meritorious Paper** was founded in 1917 by Leonard C. Wason, Past President of the Institute, and has been awarded continuously since that date. It is awarded each year to the author or authors of the most meritorious paper published by the Institute.

All original papers presented to the Institute by members (or if coauthored, at least one author must be an ACI member) and published by the Institute during the volume year for which the medal is awarded are eligible.

ACI Construction Award

Bruce A. Suprenant

"for his co-authored paper investigating tolerance issues related to post-tensioning elevated slabs"

"Effect of Post-Tensioning on Tolerances," *Concrete International*, January 2009, pages 58-65

(For bio see pages 65-66)

The **ACI Construction Award** was founded in 1944. The intent of this award is to enrich the literature in construction practice and to honor the construction worker whose resourcefulness produces a completed structure from drawings and specifications. This award is not restricted to members of the Institute.

ACI Construction Award

Ward R. Malisch

"for his co-authored paper investigating tolerance issues related to post-tensioning elevated slabs"

"Effect of Post-Tensioning on Tolerances," *Concrete International*, January 2009, pages 58-65

(For bio see pages 66-67)

The **ACI Construction Award** was founded in 1944. The intent of this award is to enrich the literature in construction practice and to honor the construction worker whose resourcefulness produces a completed structure from drawings and specifications. This award is not restricted to members of the Institute.

Wason Medal for Materials Research

"for his co-authored paper developing a method to quantify how materials and construction methods can influence the thermal stresses in bridge decks"

Kyle A. Riding

"Effects of Construction Time and Coarse Aggregate on Bridge Deck Cracking," *ACI Materials Journal*, September-October 2009, pages 448-454

(For bio see page 67)

The **Wason Medal for Materials Research** was founded in 1917 by Leonard C. Wason, Past President of the Institute. Any report of original research work on concrete materials and their uses, or a discovery that advances the state of knowledge of materials used in the concrete industry is eligible for the Wason Medal for Materials Research. When awarded, it is bestowed for the research discovery judged worthy of special commendation. It is restricted to members of the Institute, but if a paper of multiple authorship has one author who is an ACI member, all coauthors become eligible for the award.

Wason Medal for Materials Research

"for his co-authored paper developing a method to quantify how materials and construction methods can influence the thermal stresses in bridge decks"

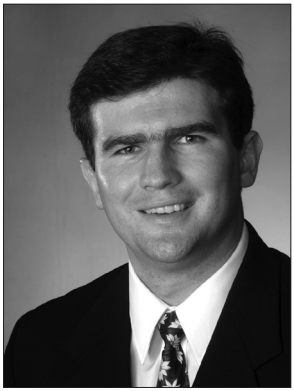
Jonathan L. Poole

"Effects of Construction Time and Coarse Aggregate on Bridge Deck Cracking," *ACI Materials Journal*, September-October 2009, pages 448-454

(For bio see page 67)

The **Wason Medal for Materials Research** was founded in 1917 by Leonard C. Wason, Past President of the Institute. Any report of original research work on concrete materials and their uses, or a discovery that advances the state of knowledge of materials used in the concrete industry is eligible for the Wason Medal for Materials Research. When awarded, it is bestowed for the research discovery judged worthy of special commendation. It is restricted to members of the Institute, but if a paper of multiple authorship has one author who is an ACI member, all coauthors become eligible for the award.

Wason Medal for Materials Research



Anton K. Schindler

"for his co-authored paper developing a method to quantify how materials and construction methods can influence the thermal stresses in bridge decks"

"Effects of Construction Time and Coarse Aggregate on Bridge Deck Cracking," *ACI Materials Journal*, September-October 2009, pages 448-454

(For bio see pages 67-68)

The **Wason Medal for Materials Research** was founded in 1917 by Leonard C. Wason, Past President of the Institute. Any report of original research work on concrete materials and their uses, or a discovery that advances the state of knowledge of materials used in the concrete industry is eligible for the Wason Medal for Materials Research. When awarded, it is bestowed for the research discovery judged worthy of special commendation. It is restricted to members of the Institute, but if a paper of multiple authorship has one author who is an ACI member, all coauthors become eligible for the award.

Wason Medal for Materials Research

Maria Juenger

"for her co-authored paper developing a method to quantify how materials and construction methods can influence the thermal stresses in bridge decks"

"Effects of Construction Time and Coarse Aggregate on Bridge Deck Cracking," *ACI Materials Journal*, September-October 2009, pages 448-454

(For bio see page 68)

The **Wason Medal for Materials Research** was founded in 1917 by Leonard C. Wason, Past President of the Institute. Any report of original research work on concrete materials and their uses, or a discovery that advances the state of knowledge of materials used in the concrete industry is eligible for the Wason Medal for Materials Research. When awarded, it is bestowed for the research discovery judged worthy of special commendation. It is restricted to members of the Institute, but if a paper of multiple authorship has one author who is an ACI member, all coauthors become eligible for the award.

Wason Medal for Materials Research

"for his co-authored paper developing a method to quantify how materials and construction methods can influence the thermal stresses in bridge decks"

"Effects of Construction Time and Coarse Aggregate on Bridge Deck Cracking," *ACI Materials Journal*, September-October 2009, pages 448-454

(For bio see page 68)

Kevin J. Folliard

The **Wason Medal for Materials Research** was founded in 1917 by Leonard C. Wason, Past President of the Institute. Any report of original research work on concrete materials and their uses, or a discovery that advances the state of knowledge of materials used in the concrete industry is eligible for the Wason Medal for Materials Research. When awarded, it is bestowed for the research discovery judged worthy of special commendation. It is restricted to members of the Institute, but if a paper of multiple authorship has one author who is an ACI member, all coauthors become eligible for the award.

Chester Paul Siess Award for Excellence in Structural Research

"for his co-authored paper of an experimental investigation of bond behavior of reinforcing bars embedded in various types of fiber-reinforced cementitious (FRC) composites"

"Bond Behavior of Reinforcing Bars in Tensile Strain-Hardening Fiber-Reinforced Cement Composites," *ACI Structural Journal*, November-December 2009, pages 897-906

(For bio see page 69)

Shih-Ho (Simon) Chao

The **Chester Paul Siess Award for Excellence in Structural Research** is given to the author or authors of a peer-reviewed paper published by the Institute that describes a notable achievement in experimental or analytical research that advances the theory or practice of structural engineering and, most importantly, recommends how the research can be applied to design. At least one of the recipients must be a member of the Institute. The award need not be presented each year.

Chester Paul Siess Award for Excellence in Structural Research

Antoine E. Naaman

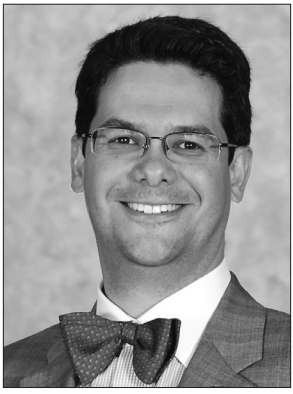
"for his co-authored paper of an experimental investigation of bond behavior of reinforcing bars embedded in various types of fiber-reinforced cementitious (FRC) composites"

"Bond Behavior of Reinforcing Bars in Tensile Strain-Hardening Fiber-Reinforced Cement Composites," *ACI Structural Journal*, November-December 2009, pages 897-906

(For bio see pages 69-70)

The **Chester Paul Siess Award for Excellence in Structural Research** is given to the author or authors of a peer-reviewed paper published by the Institute that describes a notable achievement in experimental or analytical research that advances the theory or practice of structural engineering and, most importantly, recommends how the research can be applied to design. At least one of the recipients must be a member of the Institute. The award need not be presented each year.

Chester Paul Siess Award for Excellence in Structural Research



Gustavo J. Parra-Montesinos

"for his co-authored paper of an experimental investigation of bond behavior of reinforcing bars embedded in various types of fiber-reinforced cementitious (FRC) composites"

"Bond Behavior of Reinforcing Bars in Tensile Strain-Hardening Fiber-Reinforced Cement Composites," *ACI Structural Journal*, November-December 2009, pages 897-906

(For bio see page 51)

The **Chester Paul Siess Award for Excellence in Structural Research** is given to the author or authors of a peer-reviewed paper published by the Institute that describes a notable achievement in experimental or analytical research that advances the theory or practice of structural engineering and, most importantly, recommends how the research can be applied to design. At least one of the recipients must be a member of the Institute. The award need not be presented each year.

ACI Design Award

"for his co-authored paper integrating a post-tensioned framing system and sustainability concept into the design of the David Brower Center, thus making efficient use of construction materials and will limit damage during a major earthquake"

"Sustainability through Strength,"
Concrete International, March 2009, pages 35-39

(For bio see page 70)

Mark B. Stevenson

The **ACI Design Award** honors a paper that describes advanced concepts and techniques applied to a specific design project. Awarded to the author or coauthors of the paper and to the engineer or engineering firm responsible for the design.

ACI Design Award

"for his co-authored paper integrating a post-tensioned framing system and sustainability concept into the design of the David Brower Center, thus making efficient use of construction materials and will limit damage during a major earthquake"

"Sustainability through Strength,"
Concrete International, March 2009, pages 35-39

(For bio see page 70)

Leo Panian

The **ACI Design Award** honors a paper that describes advanced concepts and techniques applied to a specific design project. Awarded to the author or coauthors of the paper and to the engineer or engineering firm responsible for the design.

Delmar L. Bloem Distinguished Service Award

Fred Goodwin

"for outstanding leadership of Committee 364, Rehabilitation"

(For bio see page 43)

The **Delmar L. Bloem Distinguished Service Award** is given in recognition of noteworthy work on ACI technical committees. This award goes to a current (or recent) chair, or under special circumstances, to deserving individuals other than committee chairs, for outstanding service. Created in 1969, then renamed 2 years later to memorialize Bloem for his outstanding contributions to the technical work of the Institute, nominations come from the Technical Activities Committee and are approved by the Board.

Delmar L. Bloem Distinguished Service Award

Andrew Scanlon

"for outstanding leadership of Committee 435, Deflection of Concrete Building Structures"

(For bio see page 71)

The **Delmar L. Bloem Distinguished Service Award** is given in recognition of noteworthy work on ACI technical committees. This award goes to a current (or recent) chair, or under special circumstances, to deserving individuals other than committee chairs, for outstanding service. Created in 1969, then renamed 2 years later to memorialize Bloem for his outstanding contributions to the technical work of the Institute, nominations come from the Technical Activities Committee and are approved by the Board.

Delmar L. Bloem Distinguished Service Award

"for outstanding leadership of Committee 209, Creep and Shrinkage in Concrete"

Carlos Videla

(For bio see pages 71-72)

The **Delmar L. Bloem Distinguished Service Award** is given in recognition of noteworthy work on ACI technical committees. This award goes to a current (or recent) chair, or under special circumstances, to deserving individuals other than committee chairs, for outstanding service. Created in 1969, then renamed 2 years later to memorialize Bloem for his outstanding contributions to the technical work of the Institute, nominations come from the Technical Activities Committee and are approved by the Board.

Chapter Activities Award—Domestic

"for his dedication to the advancement of the goals of the ACI Louisiana Chapter through continued and ongoing activities"

Mark A. Cheek

(For bio see page 72)

The **Chapter Activities Award** was founded in 1975, and recognizes outstanding service in the promotion and development of a chapter or chapters by a member of ACI. Nominations come from the Chapter Activities Committee and are approved by the Board.

Chapter Activities Award—Domestic

Dawn Miller

"for her outstanding hard work and dedication to the ACI Las Vegas Chapter and continued efforts in successful dissemination of technology to the concrete and building industry"

(For bio see page 72)

The **Chapter Activities Award** was founded in 1975, and recognizes outstanding service in the promotion and development of a chapter or chapters by a member of ACI. Nominations come from the Chapter Activities Committee and are approved by the Board.

Chapter Activities Award—International

Alejandro Durán-Herrera

"for his outstanding leadership of the ACI Northeast Mexico Chapter and promotion of certification and technical programs"

(For bio see pages 72-73)

The **Chapter Activities Award** was founded in 1975, and recognizes outstanding service in the promotion and development of a chapter or chapters by a member of ACI. Nominations come from the Chapter Activities Committee and are approved by the Board.

Chapter Activities Award—International

"for demonstrated leadership in the field of structural concrete, both in the ACI Costa Rica Chapter and at the University of Costa Rica"

(For bio see page 73)

Guillermo Santana

The **Chapter Activities Award** was founded in 1975, and recognizes outstanding service in the promotion and development of a chapter or chapters by a member of ACI. Nominations come from the Chapter Activities Committee and are approved by the Board.

Walter P. Moore, Jr. Faculty Achievement Award

"for contributing to the innovative education of students, developing a collaborative training and certification program, encouraging sustainability-focused learning, and advancing the mission of ACI at local and national levels"

(For bio see pages 73-74)

Stephan A. Durham

The **Walter P. Moore, Jr. Faculty Achievement Award** was established in 2001 to honor the late Walter P. Moore, Jr., PhD, PE, NAE. Moore was an ACI Fellow, an ACI Board Member, and a structural engineer in Texas who believed in the development of educators committed to the teaching of concrete. This award is given to an individual with less than 7 years served in all faculty positions. The award recognizes excellence and innovation in the teachings of concrete design, materials, or construction, with demonstrated evidence of technical competence, high character, and integrity.

Chapter Awards

CITATIONS OF EXCELLENCE

These awards are presented to chapters that have achieved excellence in chapter activities and have made significant contributions to the activities of the American Concrete Institute.

Consideration is given in areas of education and certification activities, membership, meetings, local chapter award programs, public relations, newsletters, and student scholarships and/or the Sponsor-a-Student program.

Credit is given for hosting an ACI Convention for chapters in the United States and Canada but is not included in the point system for chapters in other nations.

For chapters in the United States and Canada, there are 95 possible points. Those chapters receiving 50 or more points are deemed to have achieved a ranking of "excellent." Those receiving a minimum of 35 points up to a maximum of 49 points are accorded "outstanding" status.

For international chapters, there are 53 possible points. A rating of at least 34 points is necessary for "excellent" honors. Those achieving at least 26 points are accorded "outstanding" status.

Excellent Chapters for 2010

Arizona
Central & Southern Mexico
Georgia
Illinois
India
Iran
Kansas
Louisiana
Missouri
New Jersey
New Mexico
Northeast Texas
Peru
Pittsburgh Area

Outstanding Chapters for 2010

Carolinas
Central Texas
Concrete Industry Board, New York City
Eastern Pennsylvania & Delaware
Guatemala
Indiana
Intermountain
Las Vegas
Lebanon
Mongolia
Nebraska
Northeast Mexico
Northern CA/Western NV
Ontario
San Antonio
San Diego International
Southern California

University Awards

ACI AWARD FOR UNIVERSITY STUDENT ACTIVITIES

Similar to ACI's annual award for excellent and outstanding chapters, the ACI Award for University Student Activities identifies the universities that qualify for excellent or outstanding status, based on points received for their participation in select ACI-related activities/programs. Points are based on the number of ACI student members at the university, university students serving on ACI committees, and university students/faculty attending ACI conventions; the presence of an active ACI student chapter at the university; local ACI chapter participation in meetings/events and other concrete-related industry, such as events, meetings, competitions, and university/student participation in ACI's competitions; and community outreach.

For those universities receiving 12 or more points, they will be accorded "excellent" status, while those receiving between 6 to 11 points will receive "outstanding" status.

Excellent University Award 2010

Arizona State University
Florida International University
Middle Tennessee State University
Missouri S&T University
North Carolina State University
Purdue University
Texas State University–San Marcos
Universidad Autónoma de Nuevo León
University of Arkansas
University of Illinois at Urbana-Champaign
University of Kansas
University of Texas at Austin

Outstanding University Award 2010

British Columbia Institute of Technology
Instituto Tecnologico de la Paz
Iowa State University
New Jersey Institute of Technology
North Dakota State University
Rose-Hulman Institute of Technology
Ryerson University
Tennessee Technological University
Texas A&M University
Universidad Rafael Landivar Quetzaltenango
University of Colorado Denver
University of Michigan
University of Minnesota, Duluth
University of Toronto
Villanova University

Educational Activities Committee Speaker of the Year Award

(For bio see pages 74-75)

Lawrence C. Novak

Award Recipient Biographies

HONORARY MEMBERSHIP – Zdeněk P. Bažant (see page 5)
HONORARY MEMBERSHIP – Nicholas J. Carino (see page 6)
HONORARY MEMBERSHIP – Terence C. Holland (see page 7)
HONORARY MEMBERSHIP – Tony C. Liu (see page 8)
HONORARY MEMBERSHIP – Shunsuke Otani (see page 9)
HONORARY MEMBERSHIP – Richard D. Stehly (see page 10)

FELLOWS

Julie K. Buffenbarger serves as an Engineering and Architectural Sales Specialist with Lafarge Cement, Bingham Farms, MI. Her role is to promote cement and supplementary cementitious materials and sustainable design and building practice initiatives through technical education, promotion, and specification with owners, architects, engineers, and design agencies. Prior to Lafarge, she was employed for 10 years in multiple research and marketing capacities for concrete admixtures and flooring systems at BASF Corporation (formerly Master Builders) and 5 years at British Petroleum as an Analytical Research Scientist.

A member of ACI since 2000, Buffenbarger is currently Vice Chair of ACI Committee 130, Sustainability of Concrete. She has served in this capacity for 2 years and previously served as Secretary for 1 year. She is also actively engaged in the seven technical subcommittees of ACI Committee 130. Buffenbarger is a member of the ACI Responsibility in Concrete Construction Committee and is Secretary of ACI Committee 234, Silica Fume in Concrete. She is also a member of ACI Committee 232, Fly Ash and Natural Pozzolans in Concrete. She is a past member of the (discharged) Board Advisory Committee on Sustainable Development (BACSD); ACI Committee 301, Specifications for Concrete; and ACI Subcommittee 301-H, Tilt-Up Construction and Architectural Concrete.

Buffenbarger has chaired, moderated, and presented at many ACI technical sessions, including co-coordinating and co-moderating the past three ACI Concrete Sustainability Forums, jointly sponsored by the International Organization for Standardization (ISO) Technical Committee 71, BACSD, and ACI Committee 130. She is also credited with co-editing ACI SP-269, Concrete: The Sustainable Material of Choice, and volunteering as an ACI mentor.

Her research interests include the durability and transport properties of concrete and concrete use in sustainable applications.

Buffenbarger received her BS in chemistry and her MS in synthetic organic chemistry from Bowling Green State University, Bowling Green, OH, in 1987 and 1993, respectively. She is also an accredited LEED AP Building Design and Construction professional.

Fernando J. Fernandez is a Latin America Marketing Manager for BASF Corporation, Cleveland, OH. He has 35 years of experience in the concrete construction industry and has been actively involved in advancing slab-on-ground design and construction technology in Latin America.

Fernandez is a member of ACI Committees 302, Construction of Concrete Floors; 360, Design of Slabs on Ground; the International Committee; and the Membership Committee.

He received his BS from Santa Maria University, Caracas, Venezuela, in 1975, and his MSc in civil and structural engineering from the University of Sheffield, Sheffield, UK, in 1979.

Fred Goodwin is a Fellow Scientist with the Research and Development Group of BASF Construction Chemicals, Beachwood, OH. He is Chair of ACI Committee 515, Protective Systems for Concrete, and ACI Subcommittees 562-E, Evaluation, Repair, and Rehabilitation—Durability Quality Assurance, and 563-I, Proprietary Grouts/Concrete. He is a member of the TAC Repair and Rehabilitation Committee, and ACI Committees 351, Foundations for Equipment and Machinery; 546, Repair of Concrete; and E706, Repair Application Procedures.

He is also receiving the award of ACI Fellow concurrently with the Delmar L. Bloem Distinguished Service Award.

His research interests include cracking, repair materials, volume change, cement chemistry, and corrosion mitigation.

Goodwin received his BS in chemistry from Northwest Missouri State University, Maryville, MO, in 1977.

Brian H. Green is a Research Geologist at the U.S. Army Engineer Research & Development Center (ERDC), Geotechnical & Structures Laboratory, Concrete and Materials Branch in Vicksburg, MS. He has over 25 years of service and experience in grout and concrete materials research, specializing in mixture proportioning, fresh and hardened properties testing, and field applications. He is a member of the Board of Directors for the ACI Mid-South Chapter, and is Secretary of ACI Committee 552, Cementitious Grouting. He is also a member of ACI Committees 229, Controlled Low-Strength Materials, and C630, Construction Inspector Certification. He is also a member of the ACI Strategic Development Council, representing the U.S. Army Corps of Engineers.

His research interests include the development of various concrete and grout mixtures for underground plugs and barrier systems for the containment of high-level and transuranic nuclear waste, managing research programs involving uses of concrete and grout mixtures for repairing and maintaining infrastructure projects such as locks and dams, and directing the U.S. Army Corps of Engineers' classes on Concrete Fundamentals and Concrete Maintenance and Repair.

He has also developed mixture proportions for many U.S. Army Corps of Engineer projects using roller-compacted concretes, controlled low-strength materials, ternary mass concretes, fiber-reinforced concretes, high-density concretes, low-density concretes, and self-consolidating concretes. His recent research has involved the development of ultra-high-performance concretes that will provide a durable concrete cover and survive impact loads from barges on existing lock walls.

He received his BS in geology and his MS in geosciences from Mississippi State University, Mississippi State, MS, in 1984 and 1999, respectively. He is a registered professional geologist in Mississippi.

Patrick J. Harrison is a Vice President and Principal with Structural Services, Inc., Overland Park, KS, and has over 28 years of concrete slab design, construction, and forensic experience. Based in Kansas City, KS, he has worked throughout North America, focusing on exposed retail, commercial, and industrial concrete slabs-on-ground and pavements.

Harrison is a member of ACI Committees 302, Construction of Concrete Floors, and 360, Design of Slabs on Ground. He is a past Chair of ACI Committee 302, Construction of Concrete Floors, and a past member of ACI Committee 223, Shrinkage-Compensating Concrete. He was the recipient of the 2006 ACI Construction Award.

He has significantly contributed to the design, construction, and development of concrete slab-on-ground systems. Recognized for his consultation to a variety of clients, including several major retailers, he has influenced industry specification and analysis of concrete materials for slabs, using the same analytical methods authored in the current ACI Committee 302 document. He has been an active instructor for the ACI Slabs-on-Ground Seminar since 1994, assisting in developing the program presentation content. He has also been a featured guest speaker in various locations in Mexico, Latin America, South America, and the UK on quality floor slab design and construction. He has published articles in Concrete International and Concrete Construction.

He received his BS in construction science from Kansas State University, Manhattan, KS, in 1982, and his MBA in finance from Rockhurst University, Kansas City, MO, in 1991.

Mary Beth Deisz Hueste is an Associate Professor and holder of the E.B. Snead ’25 Development Professorship II in the Zachry Department of Civil Engineering at Texas A&M University, College Station, TX. She joined Texas A&M University in 1998, where she is a member of the structural engineering faculty and Division Head for the Construction, Geotechnical, and Structural Division. She is also Structures Program Manager for the Constructed Facilities Division of the Texas Transportation Institute.

Hueste is Chair of Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures. She is a member of ACI Committees 374, Performance-Based Seismic Design of Concrete Buildings, and S803, Faculty Network Coordinating Committee. She is also a past Secretary of the Reinforced Concrete Research Council and a past member of the ACI Marketing Committee. She is also a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI).

Hueste’s research interests include the behavior, analysis, and design of reinforced and prestressed concrete building and bridge structures; nonlinear

analysis and probabilistic assessment of structures under extreme loads; earthquake engineering; and structural retrofit and rehabilitation. Her educational contributions include 13 years of teaching structural engineering courses with an emphasis on structural concrete design, along with serving as a research advisor to more than 20 graduate students. She has authored or co-authored over 60 technical papers and reports.

Hueste received her BS from North Dakota State University, Fargo, ND, in 1988; her MS from the University of Kansas, Lawrence, KS, in 1993; and her PhD from the University of Michigan, Ann Arbor, MI, in 1997—all in civil engineering. She is a licensed professional engineer in Kansas and Texas.

Shyh-Jiann Hwang is a Professor in the Department of Civil Engineering at National Taiwan University, Taipei, Taiwan.

He is a member of ACI Committees 318, Structural Concrete Building Code; 369, Seismic Repair and Rehabilitation; and ACI Subcommittees 318-E, Shear and Torsion, and 318-H, Seismic Provisions. He is also a member of the American Society of Civil Engineers (ASCE).

He is responsible for providing technical support to a national project that evaluates and retrofits all noncode-compliant school buildings in Taiwan. His research interests include the behavior of reinforced concrete elements under seismic loading and the shear strength prediction of the D-region. He is also a committee member of the Taiwan Reinforced Concrete Building Code.

Hwang received his BS in civil engineering from National Taiwan University in 1979, and his MS and PhD in civil engineering from the University of California, Berkeley, Berkeley, CA, in 1982 and 1989, respectively. He is a licensed professional engineer in Taiwan.

Roger S. Johnston is with Harsco Infrastructure Americas (formerly Patent Construction Systems). He has been with the Harsco Corporation for 30 years. He has held various positions within the company; recently, he spent 5 years as a Western Regional Engineer and 9-1/2 years as the Director of Engineering. Currently, he is a Senior Engineer in Denver, CO.

He has spent over 48 years in the construction industry. Initially, he worked with several large heavy construction contractors on dams, locks, powerhouses, and bridges. His vast knowledge and experience in the industry has led to the pioneering of the monolithic forming and placement of concrete turbine-generator pedestals.

He is a member of ACI Committees 301, Specifications for Concrete; 347, Formwork for Concrete, where he also served as Chair; and 563, Specifications for Repair of Structural Concrete in Buildings. He is also a past member of ACI Committee 309, Consolidation of Concrete, and a member of ASCE-SEI Committee 37, Design Loads on Structures during Construction. His research interests include concrete formwork failure and new forming methods and products.

Johnston received his BS in civil engineering from the University of Nebraska, Lincoln, NE, in 1961. He is also a member of the Chi Epsilon Civil Engineering

Honor Society. He is a licensed professional engineer in California, Colorado, and Pennsylvania.

Allan R. Kenney is retired Chairman of the consulting company Precast Systems Consultants, Venice, FL, which primarily provides international production and erection consulting for architectural concrete construction. He began his career as a Civil Construction Engineer for the U.S. Army Corps of Engineers. He later became Operations Manager at Stresscon International in Miami, FL. He also worked as a Project Manager at W.R. Grace, Concrete Admixture Division, Woburn, MA. He later became a partner in New England Precast.

Kenney became a member of ACI in 1958, marking his 50-year ACI membership in 2008. He is a past member of numerous ACI committees, including 356, Industrialized Concrete Construction; 533, Precast Panels; and 551, Tilt-Up Concrete Construction. He is a Fellow and lifetime member of the Precast/Prestressed Concrete Institute (PCI).

Kenney received his BS in civil engineering from the University of Miami, Coral Gables, FL, in 1956, and completed a management program at the Harvard School of Business, Cambridge, MA, in 1969.

William M. Klorman is the President, CEO, and Founder of W.M. Klorman Construction Corporation, established in 1980 and located in Woodland Hills, CA. He is a licensed general contractor, concrete contractor, and licensed deputy inspector for reinforced concrete who specializes in design-build concrete buildings and structures. For more than 30 years, Klorman has been personally involved in the design and construction of more than 300 existing commercial structures.

Active in ACI on local and national levels, he is a past Chair and member of the Responsibility in Concrete Construction Committee, the Construction Liaison Committee, and the Joint ACI-ASCC Task Group to Address Contractor Needs in ACI. He is a member of ACI Committees 131, Building Information Modeling of Concrete Structures, and 349, Concrete Nuclear Structures. He is a past member of ACI Committee 350, Environmental Engineering Concrete Structures, and ACI Subcommittee 301-E, Prestressed Concrete. He is a member of the Strategic Development Council's (SDC) ATI Team for Building Information Modeling (BIM) and the Applied Technologies Council (ATC) Project 81 Strategic Development Plan for IFCs in Cast-in-Place Concrete.

Klorman published a case study of an internally post-tensioned concrete water reservoir for California Polytechnic State University, San Luis Obispo, CA, in Concrete International (September 1999), and recently contributed to The Sustainable Concrete Guide—Applications published by the U.S. Green Council, for which he co-authored Chapter 9—Planning and BIM.

In 1997, he received the Best Concrete Project Award in the state of California from McGraw-Hill's F.W. Dodge Construction Link Magazine for the water reservoir at California Polytechnic State University, a design/build project. He regularly lectures and is a guest speaker for various industry groups and universities

around the U.S., where he presents and teaches concrete construction and building information modeling.

Jason J. Krohn is the Managing Director of Technical Activities for the Precast/Prestressed Concrete Institute (PCI) in Chicago, IL. Prior to joining PCI in 2000, he worked for 5 years as a Design Engineer with a precast concrete producer.

Krohn serves on several technical structural committees and is an active ACI member. He is Secretary of ACI Subcommittee 318-G, Precast and Prestressed Concrete; a member of ACI Committees 314, Simplified Design of Concrete Buildings, and 533, Precast Panels; and a member of ACI Subcommittees 314-C, Precast/Prestressed Elements and Systems, and 314-D, Design Aids. He is a member of Joint ACI-ASCE Committees 423, Prestressed Concrete, and 550, Precast Concrete Structures; Joint ACI-ASCE Subcommittees 423-E, Prestress Losses, and 550-A, Diaphragms; and Joint ACI-TMS Committee 216, Fire Resistance and Fire Protection of Structures. He is a past Chair of ACI Subcommittee 314-C, Precast/Prestressed Elements and Systems, and a past member of ACI Subcommittee 301-F, Precast Concrete Panels.

His research interests include the design of precast, prestressed concrete structures and the multihazard areas of blast resistance, structural integrity, and fire. He is a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI). He served on the main committee and general structural requirements subcommittee for ASCE-SEI 7, Minimum Design Loads for Buildings and Other Structures. He is a Past President of the Alliance for Concrete Codes and Standards.

Krohn received his BS and MS in civil engineering from the University of Illinois at Urbana-Champaign, Champaign, IL, in 1994 and 1996, respectively. In addition to being a licensed professional engineer, he is a building security certified professional through the Building Security Council.

Victor C. Li is the E.B. Wylie Collegiate Professor of Civil and Environmental Engineering at the University of Michigan, Ann Arbor, MI. He was formerly an Assistant and Associate Professor of civil and environmental engineering at the Massachusetts Institute of Technology, Cambridge, MA.

In 2004, Li was honored by the Technical University of Denmark with a Doctor Technics Honoris Casusa in recognition of his “outstanding, innovative contributions to materials research and engineering and providing our society and the construction industry with new, safe, and sustainable building materials.” In 2005, he received the Stephen S. Attwood Award bestowed by the College of Engineering at the University of Michigan. Li also received the Distinguished Faculty Award from the University of Michigan in 2006. Li is a Fellow of the American Society of Civil Engineers (ASCE), the American Society of Mechanical Engineers, and the World Innovation Forum.

Li’s research interests include high-performance fiber-reinforced cementitious materials and the durability and sustainability of civil infrastructure. He led the

research team that invented engineered cementitious composites, popularly known as “bendable concrete.”

He received his BA in economics, his BS in engineering science, his MS in mechanical engineering, and his PhD in solids and structures from Brown University, Providence, RI, in 1977, 1977, 1978, and 1982, respectively.

Faris A. Malhas is currently a Professor and Dean of the Leonard C. Nelson College of Engineering & Sciences at the West Virginia University Institute of Technology, Montgomery, WV, and has been involved in structural engineering education and research since the mid-1980s. He has published one structural design textbook and is currently finishing up another text on structural analysis. Before his 23-year career in academia, he was a practicing structural engineer for more than 4 years.

In 1992, he was instrumental in establishing the ACI Chapter in Bahrain and served as a founding officer in 1992 and 1993. Upon his return to the U.S. in 1996, he became fully engaged with ACI and its activities. He has been a member of ACI since 1996 and has been involved in various committees since then. He is past Secretary and current Chair of ACI Committee 444, Experimental Analysis for Concrete Structures. He is a member of ACI Committee 435, Deflection of Concrete Building Structures, and Joint ACI-ASCE Committee 421, Design of Reinforced Concrete Slabs. He is a past member of ACI Committee 307, Concrete Chimneys, and Joint ACI-ASCE Committee 550, Precast Concrete Structures. He also served for 2 years on the Chester Paul Seiss Award for Excellence in Structural Research Subcommittee.

He has been involved in structural concrete research since the early 1980s, beginning with his own doctoral dissertation, which involved the seismic behavior of precast concrete panels. A paper based on his doctoral work won the Martin P. Korn Award from the Precast/Prestressed Concrete Institute (PCI) in 1990. Since then, he has been teaching undergraduate and graduate courses on reinforced and prestressed concrete. He has supervised many master’s theses, all of which involved the behavior and design of reinforced concrete. He has worked on topics such as precast concrete walls, durability of concrete, repair of concrete, high-performance concrete, serviceability, hollow core slabs, high-strength reinforcement, and extreme loading on concrete structures. He has also published a number of journal and conference papers on these subjects.

Malhas received his BS and MS in civil engineering from the University of Michigan, Ann Arbor, MI, in 1977 and 1978, respectively. He received his MSc in engineering mechanics and his PhD in civil engineering from the University of Wisconsin-Madison, Madison, WI, in 1987 and 1988, respectively. He is a licensed professional engineer in Florida and a long-time member of the American Society of Civil Engineers (ASCE).

Stephen S. Marchese is the President of Future Tech Consultants of New York, Inc. (FTC), Mineola, NY; FTC is an engineering, special inspection, and

materials testing agency. He has held this position since 1995.

He served as President of the Concrete Industry Board of New York, Inc. (CIB) in 2009 and 2010. He had the honor of serving as the first chapter president of the ACI New York Chapter in 2009 and 2010.

Marchese is a member of ACI Committees 121, Quality Assurance Systems for Concrete, and 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete. He served on the New York City Mayor's committee to develop the 2008 Building Code of New York City. He is a member of the American Society of Civil Engineers (ASCE), the Precast/Prestressed Concrete Institute (PCI), and ASTM International.

He received his BS in civil engineering from the Polytechnic Institute of New York University, Brooklyn, NY, in 1986. He is a licensed professional engineer in New York, New Jersey, Pennsylvania, Connecticut, Florida, and Nevada.

Tracy Marcotte is a licensed materials and metallurgical engineer, and is an Associate with CVM Facilities Renewal, an architectural engineering and construction firm in Oaks, PA. Since joining CVM in 1999, her expertise in metallurgy, materials science, concrete, corrosion, sustainability, and service-life modeling has been integrated into building forensic evaluations, moisture mitigation, and repair/restoration programs for contemporary and historic buildings.

She is Chair of ACI Subcommittee 130-C, Structures in Service, and is a member of ACI Committees 130, Sustainability of Concrete; 222, Corrosion of Metals in Concrete; 365, Service Life Prediction, where she also served as Chair; and 562, Evaluation, Repair, and Rehabilitation of Concrete Buildings.

Marcotte is also a member of ASTM International, and is a member of ASTM Committees E06, Performance of Buildings; G01, Corrosion of Metals; and G03, Weathering and Durability. Internationally, Marcotte serves as a U.S. delegate on behalf of ACI for the International Organization for Standardization (ISO) Technical Committee 71, Concrete, Reinforced Concrete and Prestressed Concrete, developing international standards for the maintenance and repair of concrete structures along with representatives of 86 other member countries. Marcotte is committed to standardization efforts and improving planning guides for the effective management of structures in service. She firmly believes that this work will increase the quality of life within developing and developed nations and improve opportunities for women for lasting social and economic development. She actively promotes the forensics, repair, and maintenance of structures as a career focus for engineers, architects, and other allied professionals.

She received her BSc and MSc in materials and metallurgical engineering from Queen's University, Kingston, ON, Canada, in 1993 and 1996, respectively, and her PhD in materials engineering from the University of Waterloo, Waterloo, ON, Canada, in 2001.

Donald M. Marks is the Vice President of Preconstruction for Baker Concrete Construction in south Florida. He has been in this position for the last year. He

was formerly the President of Form Works, Inc., a concrete contractor in south Florida, for 22 years.

Marks is a member of ACI Committees 117, Tolerances, and 347, Formwork for Concrete, for which he is also the Co-Chair of the Seminar Subcommittee. He has also participated as part of the team that presents the Formwork and Shoring Seminar. He is a member of the American Society of Concrete Contractors (ASCC), where he has served as President and Chairman of several committees. He has also served as President of the Construction Association of South Florida and as an Associate Director of the Association of Builders and Contractors' Southeast Florida Chapter.

Marks received his BS in civil engineering (co-op) from the Georgia Institute of Technology, Atlanta, GA, in 1970, and his MBA from Nova University, Fort Lauderdale, FL, in 1976. He is licensed in Florida as both a professional engineer and a general contractor.

Robert A. Nuñez is a Lecturer and Senior Extension Specialist in the Department of Civil, Construction, and Environmental Engineering at North Carolina State University (NCSU), Raleigh, NC. He is Co-Director of NCSU's Undergraduate Concrete Laboratory.

Nuñez has more than 28 years of experience in concrete technology with a focus on quality systems and the evaluation, repair, and rehabilitation of concrete structures. He is the President of IQ Engineering and Consulting, PLLC, a firm specializing in forensic engineering. He is the President of IQ Contracting, LLC, a successful construction company specializing in concrete construction and repair.

He is a member of the ACI International Committee; ACI Committee 228, Nondestructive Testing of Concrete; and ASTM International, Subcommittee C09.49, Pervious Concrete. He is a past member of the ACI Certification Programs Committee and the Board of Directors of the ACI Carolinas Chapter.

In 2006, NCSU awarded Nuñez the Outstanding Extension Service Award and Outstanding Alumni Award for his work to engage NCSU with domestic and international organizations and industries and for his pioneering work to develop and implement safe construction practices among Spanish-speaking workers. In 2008, Nuñez received the ACI Certification Award for his service to ACI certification programs nationally and internationally. In 2009, NCSU awarded Nuñez the Kimley-Horne Faculty Teaching Award for his outstanding work in enhancing undergraduate education.

He received his BS in structural engineering from the Escuela Politécnica Nacional, Quito, Ecuador, in 1982; his MS in civil engineering with a specialty in construction engineering and management from NCSU in 1988; and his MBA from the Kenan-Flagler Business School of the University of North Carolina at Chapel Hill, Chapel Hill, NC, in 1991. Nuñez is a licensed professional engineer in North Carolina, South Carolina, Michigan, and Ecuador.

Carlos E. Ospina is a Project Manager with BergerABAM in Houston, TX. Prior to joining BergerABAM in 2002, Ospina worked for Canadian National Railway as

a Railway Bridge Engineer. With BergerABAM, he has been involved in projects related to the seismic design/upgrade of industrial facilities; nuclear plant cranes; monorail guideways; underground facilities; and, more recently, container terminal planning and design of marginal wharves, cruise piers, coal export piers, and bunker fuel transfer piers in Latin America.

He has been an ACI member since 1994. He is Vice Chair of Joint ACI-ASCE Subcommittee 445-C, Punching Shear, and a member of ACI Committees 440, Fiber-Reinforced Polymer Reinforcement, and 543, Concrete Piles. He is also a member of ACI Subcommittee 440-H, FRP-Reinforced Concrete; ACI Task Group 318-S, Spanish Translation; and Joint ACI-ASCE Committee 445, Shear and Torsion.

He is also a member of *fib* TG 9.3, FRP Reinforcement; a corresponding member of the ASCE-Coast Oceans Ports and Rivers Institute (COPRI) Committee for the Seismic Design of Piers and Wharves; a voting member of the Colombian Concrete Code Committee; and an Earthquake Engineering Research Institute (EERI) member.

Ospina has contributed to the advancement of structural concrete knowledge through both research and design. Results from his research on high-strength concrete columns led ACI Committee 318 to introduce changes in the ACI 318 code for transmission of column loads through floors. His studies on slab punching shear, flexural cracking, and deflection control of FRP-reinforced/-strengthened concrete members have influenced ACI Committee 440 standards. He has contributed to the Spanish translation of ACI 318 code and other ACI documents and their dissemination in the Americas. Since 2006, he has been the Task Group leader in charge of the development of the concentric punching shear test result data bank for Joint ACI-ASCE Committee 445.

Ospina received his BS in civil engineering from Universidad Javeriana, Bogotá, Colombia, in 1991, and his MS and PhD in structural engineering from the University of Alberta, Edmonton, AB, Canada, in 1996 and 2001, respectively. He is a licensed professional engineer in Washington, Alberta, and Colombia.

Gustavo J. Parra-Montesinos is an Associate Professor of structural engineering in the Civil and Environmental Engineering Department at the University of Michigan, Ann Arbor, MI. He joined the faculty at the University of Michigan as Assistant Professor in 2000 and was promoted to Associate Professor in 2006. He has served as the Director of the University of Michigan Structural Engineering Laboratory since 2001.

He is Chair of ACI Committee 335, Composite and Hybrid Structures, and is a member of the ACI Publications Committee and ACI Committees 318, Structural Concrete Building Code, and 544, Fiber-Reinforced Concrete. He is also a member of ACI Subcommittees 318-D, Flexure and Axial Loads: Beams, Slabs, and Columns; 318-R, Code Reorganization; and Task Group 318-S, Spanish Translation. He is also a member of Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures.

Parra-Montesinos was the recipient of the 2006 ACI Young Member Award for Professional Achievement. He is also a member of the American Society of Civil Engineers (ASCE), from which he received the 2010 Walter L. Huber Research Prize.

Parra-Montesinos' main research interests include the behavior and design of reinforced concrete structures and structural applications of fiber-reinforced concrete, with an emphasis on earthquake-resistant structures.

Parra-Montesinos received his BS in civil engineering from Universidad Metropolitana, Caracas, Venezuela, in 1994, and his MS and PhD from the University of Michigan, Ann Arbor, MI, in 1997 and 2000, respectively.

John W. Roberts is the Chairman of Northeast Solite Corporation in Richmond, VA. He began his concrete career as a waterboy on a paving job, and 75 years later continues his interest in concrete as a researcher and developer of cutting-edge concepts, working to make concrete more sustainable and therefore have longer life cycles. He has been a champion of reducing the amount of cement used per unit of volume, increasing the use of supplementary cementitious materials, and using the concept of internal curing to provide improved characteristics of concrete. He advocates the use of high-performance concrete, high-volume supplementary cementitious materials, and the substitution of some of the natural sand in a concrete mixture with preconditioned saturated lightweight aggregate sand (internal curing).

He is a member of ACI Committees 130, Sustainability of Concrete; 224, Cracking; 308, Curing Concrete; 325, Concrete Pavements; and 362, Parking Structures. He has authored numerous papers since 2002 and has contributed chapters on internal curing and sustainability to committees such as ACI Committee 231, Properties of Concrete at Early Ages.

He is a Past President of the Virginia Section, American Society of Civil Engineers (ASCE), and is currently involved as an advocate of their Sustainability Infrastructure Project Rating System (SIPRS). He authored the first drafts of the document that eventually became ASTM C330/C330M-09, "Standard Specification for Lightweight Aggregates for Structural Concrete."

His ACI awards include the Cedric Willson Award, which he received in 1986, and the Wason Medal for Materials Research, which he received in 2007.

Roberts received his BS from Swarthmore College, Swarthmore, PA, in 1939. He is a licensed professional engineer in Virginia.

Koji Sakai is a Professor in the Department of Safety Systems Construction Engineering at Kagawa University, Takamatsu, Japan. He has authored or co-authored over 500 technical papers and reports.

From 1973 to 1988, he was a Research Associate and Associate Professor in the Faculty of Engineering at Hokkaido University, Sapporo, Japan. He worked at the University of Canterbury, Christchurch, New Zealand, from 1985 to 1986, and the University of Houston, Houston, TX, from 1986 to 1987, as an invited

Research Associate. From 1988 to 1998, he worked at the Civil Engineering Research Institute, Hokkaido Development Bureau, Sapporo, Japan, as Head of the materials section and Director of the structural division. In 1998, he joined Kagawa University and served as a Vice Dean and Senator.

He is a member of ACI Committee 130, Sustainability of Concrete.

His research interests include the sustainability of concrete. He has contributed to expanding the understanding of sustainability issues among the world's concrete researchers and engineers through the keynote lectures on sustainability in many international conferences, the organization of ACI sustainability forums, and the publication of environmental specifications and reports. He founded ISO/TC 71/SC8, Environmental Management for Concrete and Concrete Structures, in 2008, for which ACI is the Secretariat, and is now developing ISO environmental standards for the concrete sector as the Chair of SC8.

Sakai received his BS in civil engineering from the Kitami Institute of Technology, Kitami, Japan, in 1972. He received his ME and DrEng from Hokkaido University in 1973 and 1985, respectively.

Yixin Shao is an Associate Professor in the Department of Civil Engineering and Applied Mechanics at McGill University, Montreal, QC, Canada.

He is a member of ACI Committees 130, Sustainability of Concrete; 236, Material Science of Concrete; 544, Fiber-Reinforced Concrete; and 549, Thin Reinforced Cementitious Products and Ferrocement. He has authored or co-authored over 90 technical publications and holds one patent. He has also served as Editor of ACI special publications.

His research interests include the development of early-age carbonation technology to replace steam curing, the reduction of carbon emissions, and the improvement of the performance of concrete. His work is aimed at establishing a process to recycle carbon dioxide within the concrete industry in a beneficial manner.

Shao received his BS and MS in engineering mechanics from Tongji University, Shanghai, China, in 1982 and 1984, respectively, and his PhD in civil engineering from Northwestern University, Evanston, IL, in 1995.

Hitoshi Shiohara is an Associate Professor in the Department of Architectural Engineering at the University of Tokyo, Tokyo, Japan. He has served as a Research Engineer at the Building Research Institute, Tsukuba, Japan, for 9 years and has been in his current position for 15 years. He is a member of ACI Committee 374, Performance-Based Seismic Design of Concrete Buildings. He is also a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI).

Shiohara's research interests include beam-column joints, precast concrete connections, and seismic design of reinforced concrete building structures. He received his BS, MS, and PhD in architectural engineering from the University of Tokyo, Tokyo, Japan, in 1981, 1983, and 1986, respectively.

Jongsung Sim is a Professor in the Department of Civil and Environmental Engineering at Hanyang University, Seoul, Korea. He has authored or co-authored over 500 technical papers and reports, including over 100 international papers.

He is a member of the ACI International Partners & Publications Subcommittee (part of the ACI International Committee) and ACI Committee 440, Fiber-Reinforced Polymer Reinforcement. He is President of the Asian Concrete Federation (ACF) and the 2011 President Elect of the Korea Concrete Institute (KCI). He is a member of the National Academy of Engineers of Korea (NAEK), the Precast/Prestressed Concrete Institute (PCI), the International Institute for FRP in Construction (IIFC), the International Association for Bridge Maintenance and Safety (IABSE), and the International Committee on Concrete Model Code for Asia (ICCMC). He is a Past Vice President of the Korean Society of Civil Engineers (KSCE).

He has conducted several international conferences as Conference Chair, including the Asian Pacific Conference on FRP in Structures (APFIS) in 2009 and a Joint Seminar on Bridge Maintenance in 2005 and 2007. Both of these were held in Seoul, Korea. He also served as Secretary for the ACI-KCI Joint International Conference in Seoul in 2000.

Sim has received several merit or appreciation plaques from KSCE, IIFC, KCI, and the Japan Concrete Institute (JCI) and Best Paper Awards from KCI and KSCE.

His research interests include the use of fiber-reinforced polymer in structural repair and strengthening and the recycling of concrete. He received his BS in civil engineering from Hanyang University in 1975, and his MS and PhD in civil engineering from Michigan State University, East Lansing, MI, in 1984 and 1987, respectively.

David Suchorski is the Senior Technical Services Manager for the Ash Grove Cement Company, Overland Park, KS, and has over 30 years of experience in the cement and concrete industries.

He is Chair of the ACI Educational Activities Committee and ACI Committee 308, Curing Concrete. He is also a member of the Convention Committee and ACI Committees 225, Hydraulic Cements; 330, Concrete Parking Lots and Site Paving; 522, Pervious Concrete; E701, Materials for Concrete Construction; and ACI Subcommittee C601-B, Concrete Quality Technical Manager. He is Treasurer of the ACI Kansas Chapter and has served as President of the ACI Kansas and Iowa-Minnesota Chapters.

Suchorski received his BS in construction management from the University of Wisconsin, Madison, WI, in 1977. He is a licensed professional engineer in Kansas and Wisconsin.

Stephen S. Szoke is the Director of Codes and Standards for the Portland Cement Association, Skokie, IL. He has authored over 100 technical papers, reports, and articles.

Szoke is Chair of Joint ACI-TMS Committee 122, Energy Efficiency of Concrete and Masonry Systems, and a member of Joint ACI-TMS Committee 216, Fire

Resistance and Fire Protection of Structures. Szoke is a past Chair of ACI Committee 560, Design and Construction with Insulating Concrete Forms.

Szoke's research interests include energy conservation, fire safety, sustainability, and functional resilience. He has assisted with a variety of standards-writing and code development organizations, including ACI; the American Society of Civil Engineers (ASCE); the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE); ASTM International; the International Code Council (ICC); the National Fire Protection Association (NFPA); the National Institute of Building Sciences (NIBS); and The Masonry Society (TMS).

He received his BS in civil engineering from Lehigh University, Bethlehem, PA, in 1976. He is a licensed professional engineer in Virginia and the District of Columbia.

Suneel N. Vanikar is the Concrete Team Leader at the Federal Highway Administration (FHWA) of the U.S. Department of Transportation in Washington, DC. He has worked for FHWA for 31 years in various capacities. He previously worked for the New Hampshire Department of Transportation for 10 years. He has authored or co-authored numerous technical papers on concrete materials, concrete pavements, and concrete bridges. He is a frequent speaker at national and international meetings and conferences.

Vanikar is a member of ACI Committee 325, Concrete Pavements, and a past member of the ACI Task Group on high-performance concrete. He received the Henry C. Turner Medal from ACI in 2009. He is the English-Speaking Secretary of the Road Pavements Committee of the World Road Association (PIARC) in Paris, France. He is a lifetime member of the American Society of Civil Engineers (ASCE). He is a recipient of the FHWA Administrator's Award for Superior Achievement and the American Concrete Pavement Association's Government Employee of the Year Award.

Vanikar's research interests include the implementation of advanced concrete bridge and pavement technologies in routine practice.

Vanikar received his BE in civil engineering from the Maharaja Sayajirao University of Baroda, Baroda, Gujarat, India, in 1963, and his MS in civil engineering from Colorado State University, Fort Collins, CO, in 1963. He is a licensed professional engineer in New Hampshire.

Cloyd E. (Joseph) Warnes, Principal, CPM Associates, Roseville, CA, is a Consultant on disaster-resistant concrete houses.

Warnes is a member of ACI Committees 439, Steel Reinforcement, and 560, Design and Construction with Insulating Concrete Forms; and Joint ACI-ASCE Committee 550, Precast Concrete Structures. He is a past member of several other ACI committees. Warnes is a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI), and is an Honorary Member of the Russian Project Management Institute.

Warnes has authored articles in *Concrete International*, the ASCE *Journal of Transportation Engineering,* and has written several recent magazine

articles on the subject of insulated disaster-proof concrete houses.

His research interests include the design and construction of insulated disaster-proof concrete houses. Warnes designed and supervised construction of the first disaster-resistant, all-concrete single-family house in North America in 1967 and the first insulated disaster-resistant house in Romania. He was involved in the preparation of ACI 550.1R-09, "Guide to Emulating Cast-in-Place Detailing for Seismic Design of Precast Concrete Structures." Warnes has been a keynote speaker at the Russian Project Management Association Convention in Moscow, the Insulating Concrete Form Association Convention, and World of Concrete.

He received his Bachelor/Master degree in civil/structural engineering from Ohio State University, Columbus, OH, in 1951, and received his AA from American River College, Sacramento, CA, in 1967.

Charles A. Weiss Jr. is a Research Geologist at the U.S. Army Engineer Research & Development Center (ERDC), Geotechnical & Structures Laboratory, Vicksburg, MS.

With 25 years of experience in mineralogical research, specializing in layered silicates and gel phases, he has published over 60 papers and reports and holds over 22 patents or pending patents in a wide array of new technologies, including an innovative, porcelain-coated steel reinforcement for concrete.

Currently serving as Vice Chair of ACI Committee 522, Pervious Concrete, Weiss is also a member of ACI Committees 123, Research and Current Developments; 222, Corrosion of Metals in Concrete; and 237, Self-Consolidating Concrete.

Weiss has been honored numerous times for his research, including the 2010 R&D 100 Award for Corrosion-Resistant Ceramic-Porcelain Enamel for Bonding Concrete to Steel, the NOVA Award from the Construction Innovation Forum, three Federal Laboratory Consortium awards, and a Department of the Army Research & Development award. In 2010, he was named the Herbert D. Vogel Scientist of the Year at the ERDC in Vicksburg, MS.

Weiss' research interests include the forensic investigations of concrete and construction materials, including cement, mineral admixtures, clays, and zeolites using nuclear magnetic resonance spectrometry, X-ray diffraction analysis, energy-dispersive X-ray chemical analysis, scanning electron microscopy, infrared spectrometry, optical microscopy, image analysis, conduction calorimetry, and differential scanning calorimetry.

He received his AB in 1983 in both computer science and geology from Colgate University, Hamilton, NY. Weiss received his MS and PhD in geology from the University of Illinois at Urbana-Champaign, Champaign, IL, in 1987 and 1989, respectively, studying the structure of clay minerals using solid-state nuclear magnetic resonance (NMR) spectroscopy. He is a registered professional geologist in Mississippi.

Michelle L. Wilson is the Director of Concrete Knowledge at the Portland Cement Association (PCA), Skokie, IL. She is responsible for the development,

content, and training of PCA's education and training programs and concrete technology products. Prior to joining PCA in 1999, she worked for Construction Technology Laboratories, PCA's sole subsidiary, specializing in concrete evaluation and troubleshooting on various projects throughout the U.S. Before this, she worked as a Field Inspector, performing quality control for STS Consultants, Ltd., in Milwaukee, WI. She has given numerous workshops and presentations across North America, including World of Concrete, the International Builders' Show, and CONEXPO-CON/AGG.

Wilson is Chair of ACI Committee E707, Specification Education, and serves as Secretary of ACI Committee 301, Specifications for Concrete. She is also a member of ACI Committees 201, Durability of Concrete; 311, Inspection of Concrete; and 329, Performance Criteria for Ready Mixed Concrete; and serves on the Student and Young Professional Activities Committee. She is a past Chair of ACI Committee 301-D, Lightweight and Massive Concrete. She is a member of ASTM Committee C09, Concrete and Concrete Aggregates.

She was awarded the ACI Young Member Award for Professional Achievement in 2008.

Wilson received her BS in architectural engineering from the Milwaukee School of Engineering, Milwaukee, WI, in 1994, with an emphasis on structural engineering and concrete materials.

ARTHUR R. ANDERSON MEDAL

Robert Douglas Hooton is a Professor and the NSERC/Cement Association of Canada Industrial Research Chair in Concrete Durability and Sustainability in the Department of Civil Engineering at the University of Toronto, Toronto, ON, Canada. Before joining the university in 1986, he spent 5 years as an Engineer with Ontario Hydro's Research Division. He has authored or co-authored over 200 technical papers and reports.

He is Chair of ACI Subcommittee 201-A, Durability-Sulfate Attack, Co-Chair of ACI Subcommittee 130-A, Sustainability of Concrete Materials, and is a member of ACI Committees 201, Durability of Concrete; 221, Aggregates; 225, Hydraulic Cements; 232, Fly Ash and Natural Pozzolans in Concrete; 233, Ground Slag in Concrete; 234, Silica Fume in Concrete; 236, Material Science of Concrete; 329, Performance Criteria for Ready Mixed Concrete; 365, Service Life Prediction; and S803, Faculty Network Coordinating Committee; and ACI Subcommittee 318-A, General, Concrete, and Construction. He was made Fellow in 1989, and was co-recipient of the Wason Medal for Materials Research in 1989.

He is also a Fellow of ASTM International and an honorary member of committees C01, Cements, and C09, Concrete and Concrete Aggregates. His research interests include durability of concrete, sustainability, and properties of cementing materials.

He received his BASc and MASc in civil engineering from the University of Toronto, Toronto, ON, Canada, in 1974 and 1975, respectively, and his PhD from McMaster University, Hamilton, ON, Canada, in 1981. He is a licensed professional engineer in Ontario.

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

Michael J. Schneider is the Senior Vice President and Chief People Officer at Baker Concrete Construction, Inc. He has been with Baker Concrete in Monroe, OH, for over 32 years. He started at Baker as a Project Manager in 1978 and helped open Baker's Houston, TX, office in 1982. During his career, he has been involved in a multitude of projects ranging from high-rise offices to automotive plants to mainline concrete paving.

He has been active in the American Society of Concrete Contractors (ASCC) for the past 15 years and served as President during 2005 and 2006. During 2001 and 2002, he was a member of the Board of Directors for the National Center of Construction Education and Research (NCCER). In addition, he is Chair of a Board-appointed Joint ACI/ASCC Task Force, Chairman of the National Steering Committee for the Construction Industry Management (CIM) Program, has served as Co-Chair of the Contractor Task Group for the National Ready Mixed Concrete Association's P2P Task Force, and is a Board Member and past Chair for the Concrete Promotion Council of Southwest Ohio. In 2005, Concrete Construction magazine named him as one of the ten most influential people in the concrete industry.

He was selected as an ACI Fellow in 2006, served on the ACI Board of Direction from 2008-2010, and is Chair of the Construction Liaison Committee. He is also a member of ACI Committee 117, Tolerances, the Financial Advisory Committee, the Chapter Activities Committee, the Convention Committee, and the Responsibility in Concrete Construction Committee. Schneider received his BS in personnel management from Miami University of Ohio, Oxford, OH, and in construction management from the University of Cincinnati, Cincinnati, OH, in 1974 and 1978, respectively.

JOE W. KELLY AWARD

Abdeldjelil Belarbi is the Distinguished Cullen Professor and Chair of the Civil and Environmental Engineering Department at the University of Houston, Houston, TX. He served on the faculty of both the University of Missouri-Rolla, Rolla, MO, and the University of Houston for over 20 years. He received the ACI Chapter Activities Award in 2006 and the Concrete Person of the Year from ACI Missouri Chapter in 2001.

He is the current Chair of ACI Subcommittees 440-E, FRP Prof Education, and Joint ACI-ASCE Subcommittee 445-E, Torsion, and is a member of ACI Committee 440, Fiber-Reinforced Polymer Reinforcement, and Joint ACI-ASCE Committees 341, Earthquake-Resistant Concrete Bridges, and 445, Shear and Torsion. He is also a Past President of the ACI Missouri Chapter; past Chair of ACI Committee E801, Student Activities; and past member of Joint ACI-ASCE Committee 343, Concrete Bridge Design.

Belarbi is a Fellow of ACI and the American Society of Civil Engineers (ASCE) and a member of the Precast/Prestressed Concrete Institute (PCI). He has

served as PI and Co-PI in numerous research projects funded by federal and state agencies, has published over 150 technical papers, and supervised over 40 MSCE theses and PhD dissertations. He is actively engaged in a broad spectrum of structural engineering research areas. His research interests include constitutive modeling and analytical experimental investigations of reinforced and prestressed concrete structures. His research has also focused on seismic and wind performance of building envelopes, including experimental structural investigation of glass curtain walls employed in low- and high-rise buildings, as well as research on smart structures and the use of FRP composites in civil infrastructure. He received his BS in civil engineering from the University of Science and Technology, Oran, Algeria, in 1983, and his MS and PhD in civil engineering from the University of Houston, Houston, TX, in 1986 and 1991, respectively. He is a licensed professional engineer in Missouri.

HENRY L. KENNEDY AWARD

William E. Rushing Jr. is a Fellow of the Institute and an Assistant Vice President for Waldemar S. Nelson & Co., Inc., New Orleans, LA. He received the Chapter Activities Award in 2003, the Louisiana Chapter Activity Award in 2004, and the Chapter Distinguished Member Award in 2010. He is also a member of the American Society of Civil Engineers (ASCE).

He is a current member of the ACI Louisiana Chapter. He previously served on the Chapter's Board of Direction and was President in 1998. He currently serves as the Chapter Awards Committee Chair. He served as Vice Chair of the ACI Fall Convention in 1996 and Co-Chair of the Fall ACI Convention in New Orleans in 2009. He is Chair of the Financial Advisory Committee, and a member of the Convention Committee, the Educational Activities Committee, and ACI Committees 314, Simplified Design of Concrete Buildings; 351, Foundations for Equipment and Machinery; 376, Concrete Structures for Refrigerated Liquefied Gas Containment; E702 Designing Concrete Structures; S801, Student Activities; and a Director for Creative Association Management (CAM). He is also a former Director of the ACI Board of Direction, past Chair of the Convention Committee, and a past member of ACI Subcommittee 314-D, Design Aids.

He received his BS in civil engineering from Louisiana State University, Baton Rouge, LA, in 1981. He is a licensed professional engineer in Louisiana, Mississippi, Alabama, Arkansas, and Arizona.

ALFRED E. LINDAU AWARD

The **Colombian Association for Earthquake Engineering (AIS)** was chartered in 1975 and was accepted as the Colombian representative to the International Association for Earthquake Engineering (IAEE) in 1976. The priority of AIS was the adoption of mandatory earthquake-resistant regulations in Colombia. In 1978, after studying "Tentative Provisions for the Development of Seismic Regulations for Buildings—ATC 3-06," AIS decided to translate the provisions into Spanish,

followed in 1979 with the translation of the Commentary, to use as the basis of a Colombian Earthquake Resistant Standard.

Strong earthquakes in Colombia in 1979 stressed the need to develop a draft earthquake-resistant regulation based on ATC 3-06. AIS made contacts with some of the drafters of ATC 3-06 who offered help. A joint project sponsored by the University of Illinois at Champaign-Urbana and the Universidad de los Andes in Bogota made a draft possible, which, after approval by consensus of Committee 100 of AIS, became AIS Standard 100-81, "Requirements for Earthquake Resistant Design for New Buildings."

Another strong earthquake in 1983 prompted the Colombian government to adopt AIS Standard 100 as the mandatory earthquake-resistant regulations for Colombia. The Colombian Code for Seismic Resistance was enacted through Decree 1400 of June 7, 1984, signed by the President of Colombia under a one-time authorization by the Colombian Congress under Law 11-1983. This Code was a complete success and changed earthquake engineering in Colombia, promoting a culture of seismic resistance.

In 1997, the Colombian Congress adopted Law 400-1997, based on legislation proposed by AIS. The new law included several long-term policies, including restrictions on experience required for engineers and architects, including exams on Code proficiency and knowledge; creation of a Code Commission and making AIS the Secretary of the Commission by Law; and the possibility of the President of Colombia to enact code updates by decree with just an approval from the Code Commission.

The enactment by decree has been used in January 1998 for adoption of the 1998 Code update under a designation NSR-98 and again in March 2010 for the adoption of NSR-10. Both the 1998 and the 2011 Code updates include structural concrete requirements of ACI 318-95 and ACI 318-08.

HENRY C. TURNER MEDAL

Frank Anthony Kozeliski is a Consultant and Materials Engineer in Gallup, NM. Prior to November 2007, he was owner of Gallup Sand and Gravel Co. Currently, he is involved in the promotion of concrete through the Portland Cement Association Rocky Mountain Cement Council.

Kozeliski presents ACI Troubleshooting Seminars and ACI Field Testing Technician—Grade I certifications in New Mexico. He was the examiner for the first certification program presented in Tegucigalpa, Honduras, where he also serves as a consultant to GeoConsult. In 1992, Kozeliski was elected an ACI Fellow. He received the Chapter Activities Award in 2005 and the Del Bloem Award in 2009. He became an ACI member in 1968.

He is past Chair of ACI Committee 211, Proportioning Concrete Mixtures, and a current member of ACI Committees 229, Controlled Low-Strength Materials; 305, Hot Weather Concreting; 308, Curing Concrete; 330, Concrete Parking Lots and Site Paving; and S801, Student Activities. He is Past President of the ACI New Mexico Chapter.

His research interests include the use of pervious concrete and combined aggregate gradations. He also promotes the Prescription to Performance specifications (P2P).

Kozeliski received his BS in civil engineering in 1967 and his master's degree in 1969 from New Mexico State University, Las Cruces, NM.

He is a member of American Society of Civil Engineers (ASCE), the National Society of Professional Engineers (NSPE), ASTM International, and the National Ready Mixed Concrete Association (NRMCA).

CHARLES S. WHITNEY MEDAL

Computers & Structures, Inc., (CSI) products have set the standard in structural and earthquake engineering software for nearly four decades. Based in Berkeley, CA, with offices in New York, Houston, Madrid, New Delhi, and the Caribbean, CSI develops analytically sophisticated software used in the design and analysis of buildings, bridges, dams, towers, and other manmade structures to help them withstand nearly every force of nature.

Over the years, CSI has pioneered developments in algorithms for structural engineering and finite element analysis technology that have addressed many challenges that engineers have struggled with for decades. The company also advises structural engineers around the world on structural systems, interpretation of structural behavior, clarification on various building codes, opinions on special modeling problems, and other subjects related to computerized structural analysis and design. CSI products are donated to thousands of universities for teaching purposes. Through these donations, CSI has helped to ensure that the technology necessary to produce seismically sound structures reaches developing nations.

Among the recent landmark projects designed with CSI products are: Freedom Tower in New York (at the site of the World Trade Center); East Span of the San Francisco-Oakland Bay Bridge; 2008 Summer Olympics Stadium in Beijing, China; Centennial Bridge (crossing the Panama Canal) in Panama; Bandra Bridge in Mumbai, India; World Financial Center in Shanghai (101 floors); Petronas Twin Towers in Malaysia (88 floors); Taipei 101 Tower in Taipei (101 floors); Burj Khalifa Tower in the UAE (160 floors); and Torre Mayor in Mexico City, Mexico (55 floors).

ACI DISTINGUISHED ACHIEVEMENT AWARD

The **Florida Concrete and Products Association Inc. (FC&PA)**, incorporated in 1956, is an association of 114 ready mixed concrete, concrete block, concrete pipe, aggregate, cement, and other concrete-related product manufacturers dedicated to promoting the use of concrete. As the largest state concrete association in the U.S., FC&PA also develops and implements numerous marketing, technical, and educational programs that focus on new innovative products as well as proper installation and construction procedures for all types of concrete products.

In addition to a proactive approach with legislative, governmental, and environmental issues affecting the industry, FC&PA partners with other industry associations as well as Florida's major universities to ensure that students in the architectural, engineering, and building construction schools have access to current technical information on concrete and concrete products.

ACI CERTIFICATION AWARD

Khaled Walid Awad is the Chairman and Founder of Advanced Construction Technology Services (ACTS), Beirut, Lebanon, a leading material and geotechnical consulting firm in the Middle East.

He is also the founder of Grenea, an investment firm specializing in launching ecodevelopments around the world.

Prior to establishing Grenea, Awad was the Founding Director of Property Development at the Masdar Initiative in Abu Dhabi, United Arab Emirates, where he oversaw the development of emission-free Masdar City, the world's first development that aims to become carbon-neutral. Awad worked in the real estate and construction industry in the Arabian Gulf for more than 25 years. He was the Founder and CEO of various construction and real estate companies, dealing with different aspects of the supply chain and IT side of the construction industry as well as the development of large-scale projects.

Awad is a Fellow of ACI, Chair of the ACI International Certification Subcommittee, and Co-Chair of ACI Subcommittee 130-G, Education/Certification. He is a member of the Certification Programs Committee, the Financial Advisory Committee, the International Committee, and ACI Committees 130, Sustainability of Concrete; C630, Construction Inspector Certification; and EAC New Programs Task Force. He is also a member of ACI Subcommittees 130-E, Design/Specifications/Codes/Regulations, and 130-F, Social Issues.

He is a member of the American Society of Civil Engineers (ASCE) and ASTM International. He is also a Fellow of the Institute of Concrete Technology (ICT).

Awad received the Henry L. Kennedy Award from ACI in 2007 and has been recently elected to serve on the ACI Board of Direction.

Alfred Kaufman is semi-retired. He is still active in the concrete industry doing consulting with the firm he started, ConcreteRx, in Walnut Creek, CA.

He became an ACI Fellow in 1999 and is currently Chair of ACI Subcommittee C601-B, Concrete Quality Technical Manager. He is a past Chair and current member of ACI Committee C640, Craftsman Certification. He is also a member of ACI Committees 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete; 346, Cast-in-Place Pipe; and C610, Field Technician Certification. He is a member of ACI Subcommittee 301-D, Lightweight and Massive Concrete, and the TAC Construction Standards Committee. He is also a member of ASTM International.

His research interests include concrete troubleshooting and ACI certification.

He received his BSCE from the University of Kansas, Lawrence, KS, in 1961. He is a licensed civil engineer in California.

John J. Schemmel is an Assistant Professor in the Department of Civil Engineering at Valparaiso University, Valparaiso, IN. He is also the Co-Owner of eTEC (Engineering Training and Education Consultants), Brandon, SD, a firm that creates computer-based training for individuals in the construction industry. Schemmel previously served on the civil engineering faculty at the University of Arkansas, Fayetteville, AR, and South Dakota State University, Brookings, SD.

Schemmel is a Fellow of ACI and a member of the Certification Programs Committee, ACI Committees C610, Field Technician Certification, and S803, Faculty Network Coordinating Committee, and the Scholarship Council. He is also a Field Testing Technician—Grade 1 Quality Reviewer. He is a past member of the Educational Activities Committee and ACI Committees E601, Seminar Oversight Committee, and S802, Teaching Methods and Educational Materials, and Joint ACI-ASCE Committee 343, Concrete Bridge Design. Schemmel is a member of the American Society of Civil Engineers (ASCE) and ASTM International. He also serves as the faculty advisor to the Valparaiso Student Chapter of ASCE.

Schemmel's research interests include structural design, material testing, and standards writing.

He received his BSCE in 1982 from the University of Wisconsin-Madison, Madison, WI; his MSCE in 1984 from Lehigh University, Bethlehem, PA; and his PhD in 1989 from North Carolina State University, Raleigh, NC. Schemmel is a licensed professional engineer in Arkansas.

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

Rishi Gupta is a Faculty and Program Coordinator in the Department of Civil Engineering at the British Columbia Institute of Technology (BCIT) in Burnaby, BC, Canada. He has been with BCIT for more than 4 years. He has co-authored many technical papers related to cement-based composites and also serves as a reviewer for many technical journals.

He is a member of the ACI British Columbia Chapter and was appointed to the Board of Directors in 2009. He has been a member of ACI since 2002 and is a member of the ACI Faculty Network and ACI Committees 347, Formwork for Concrete, and 544, Fiber-Reinforced Concrete. He has been involved in scholarly activities, including reviewing numerous ACI journal articles and Certification Programs Committee proposals. He is also a member of the Canadian Society for Civil Engineering (CSCE). He is Deputy Chair of the International Affairs Committee of the CSCE and Treasurer of the Vancouver section of the CSCE.

His research interests include studying the early-age properties and plastic shrinkage of cement-based composites containing SCMs and fibers, masonry structures, structural health monitoring, and nondestructive testing.

Gupta received his BS in civil engineering in 1999 from the Government

College of Engineering, Pune, India. He received his MS and PhD in civil engineering (materials) from the University of British Columbia, Vancouver, BC, Canada, in 2002 and 2008, respectively. He is a registered professional engineer in British Columbia.

Devin K. Harris is the Donald F. and Rose Ann Tomasini Assistant Professor in Structural Engineering in the Department of Civil and Environmental Engineering at Michigan Technological University, Houghton, MI. He has been in this role since January 2008.

He is a member of ACI Committees 342, Evaluation of Concrete Bridges and Bridge Elements; 345, Concrete Bridge Construction, Maintenance, and Repair; S802, Teaching Methods and Educational Materials; and Joint ACI-ASCE Committee 343, Concrete Bridge Design. He is also a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI).

His research interests include the condition assessment and renewal of transportation infrastructure, the use of high-performance materials such as ultra-high performance concrete and composite materials to extend bridge service life, and the application of nondestructive evaluation methods. Harris also teaches courses in the design of structural concrete and bridges.

He received his BS in civil engineering from the University of Florida, Gainesville, FL, in 1999, and his MS and PhD in civil engineering from Virginia Polytechnic Institute and State University, Blacksburg, VA, in 2004 and 2007, respectively.

Anthony J. Lamanna is the Chief Engineer for Lamanna Engineering Consultants, LLC, New Orleans, LA, and teaches as an Adjunct Professor in the Department of Civil and Environmental Engineering at the University of New Orleans, New Orleans, LA. He has written a book titled *Coastal Construction: An Illustrated Mitigation and Strengthening Guide*, published in January 2011 by the International Code Council (ICC).

He is a member of ACI Committees 355, Anchorage to Concrete, and 375, Performance-Based Design of Concrete Buildings for Wind Loads. He served as the Social Chair for the ACI Fall 2009 Convention in New Orleans. He is also a member of the American Society of Civil Engineers (ASCE) and ASTM International. Lamanna was awarded the ACI Scholarship for Graduate Study in 1998.

His research interests include structural evaluation; repair, retrofit, and strengthening; and adaptive reuse of existing structures. He has conducted research on the use of mechanically fastened fiber-reinforced polymer (MF-FRP) systems for increasing the capacity of reinforced concrete structural elements. He is a licensed professional engineer in Louisiana, Texas, Mississippi, and Florida.

He received his BS in civil engineering from the Catholic University of America, Washington, DC, in 1997, and his MSCE from Purdue University, West Lafayette, IN, in 1998. He received his MS in engineering mechanics and his PhD in

structural engineering from the University of Wisconsin-Madison, Madison, WI, in 2001 and 2002, respectively.

WASON MEDAL FOR MOST MERITORIOUS PAPER

Selçuk Saatci is an Assistant Professor in the Department of Civil Engineering at the Izmir Institute of Technology, Izmir, Turkey.

His research interests include impact behavior and nonlinear finite element modeling of reinforced concrete structures.

He received his BS and MS in civil engineering from Middle East Technical University, Ankara, Turkey, in 1999 and 2001, respectively, and his PhD from the University of Toronto, Toronto, ON, Canada, in 2007.

Frank J. Vecchio is a Professor of civil engineering at the University of Toronto, Toronto, ON, Canada, where he has been on the faculty since 1985.

He is a member of Joint ACI-ASCE Committees 441, Reinforced Concrete Columns, and 447, Finite Element Analysis of Reinforced Concrete Structures. He is also a past member of ACI Committee 435, Deflection of Concrete Building Structures.

He received the ACI Chester Paul Siess Award for Excellence in Structural Research (formerly the ACI Structural Research Award) in 1998 and the ACI Design Award (formerly the Structural Engineering Award) in 1999, and was elected a Fellow of ACI in 1999.

His research interests include the development of improved analysis and design procedures for reinforced concrete structures, particularly those that are shear-sensitive; the development of improved constitutive models and nonlinear finite element procedures; application to the assessment and forensic analysis of concrete structures; analysis of repaired or rehabilitated structures; the modeling and assessment of fiber-reinforced concrete structures; structures rehabilitated with fiber-reinforced polymers; and structures subjected to extreme loads including blast, impact, fire, and earthquake.

Vecchio received his BASc, MEng, and doctorate degrees from the University of Toronto in 1978, 1979, and 1981, respectively, and was previously employed as a Research Engineer at Ontario Hydro (1981-1985), where he undertook research relating to concrete nuclear structures. He is a licensed professional engineer in Ontario, and is also a member of the American Society of Civil Engineers (ASCE) and the Canadian Society of Civil Engineers (CSCE).

ACI CONSTRUCTION AWARD

Bruce A. Suprenant is President of Concrete Engineering Specialists, Charlotte, NC. His career spans 15 years of teaching at Montana State University, the University of Wyoming, the University of South Florida, and the University of Colorado-Boulder and includes engineering practice experience with the Portland Cement Association (PCA) and Baker Concrete Construction.

He was the recipient of the Roger H. Corbetta Concrete Constructor Award in 2009.

An ACI Fellow since 1991, he is a member of ACI Committees 117, Tolerances; 301, Specifications for Concrete; and 302, Construction of Concrete Floors. He is a past member of many ACI committees. He is Chair of the American Society of Concrete Contractors (ASCC) Technical Review Committee and helped develop the ASCC position statements. He is a member of the American Society of Civil Engineers (ASCE), the Precast/Prestressed Concrete Institute (PCI), ASTM International, and the Post-Tensioning Institute (PTI). He has authored or co-authored more than 100 technical papers on concrete construction and was the principal author funded cooperatively by the ACI Strategic Development Council (SDC) and ASCC to produce ACI 302.2R-06, "Guide for Concrete Slabs that Receive Moisture-Sensitive Flooring Materials." He also co-authored the ASCC book Tolerances for Cast-in-Place Concrete Buildings and drafted revisions for the craftsman workbook for the ACI certification of flatwork finishers.

Suprenant received his BS in construction from Bradley University; his MS in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL; and his PhD in civil engineering from Montana State University, Bozeman, MT, in 1974, 1975, and 1984, respectively. He is a licensed professional engineer in Colorado, Utah, California, and Florida.

Ward R. Malisch is the Technical Director for the American Society of Concrete Contractors (ASCC), headquartered in St. Louis, MO. He assumed that position in January 2008 after retiring as Senior Managing Director of ACI. Prior to that, he taught at three universities and received six outstanding teaching awards before joining the World of Concrete staff and later being named Editor of *Concrete Construction* magazine. Other positions held include ACI Director of Engineering, Quality Control Engineer for Daniel International Corporation, and Director of Information Services for the Portland Cement Association (PCA).

Malisch received the Arthur Y. Moy Award from the ACI Greater Michigan Chapter in 2004. Other awards include the 2006 Silver Hard Hat Award from the Construction Writers Association and the 2008 Richard D. Gaynor Award from the National Ready Mixed Concrete Association (NRMCA). He was also a recipient of the Arthur R. Anderson Award in 2009.

An ACI Fellow since 1986, he is a member of the ACI Hot Topic Committee and a past member of the ACI Financial Advisory Committee, Construction Liaison Committee, and ACI Committees 302, Construction of Concrete Floors, and E701, Materials for Concrete Construction. He was a charter member of the ACI Missouri Chapter and served as Secretary-Treasurer of the chapter for 5 years. He is a life member of the American Society of Civil Engineers (ASCE) and a member of ASTM International. He has authored or co-authored more than 100 articles and publications on topics related to concrete construction, including ACI E1-78, "Aggregates for Concrete"; 31 ASCC position statements; and the book *Tolerances for Cast-in-Place Concrete Buildings*, published by ASCC.

His research interests include subjects that impact concrete contractors: specifications, building tolerances, concrete testing, and troubleshooting construction problems.

Malisch received his BS, MS, and PhD in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1961, 1963, and 1966, respectively. He is a licensed professional engineer in Missouri.

WASON MEDAL FOR MATERIALS RESEARCH

Kyle A. Riding is an Assistant Professor in the Civil Engineering Department at Kansas State University, Manhattan, KS. He is a member of ACI Committees 201, Durability of Concrete, and 231, Properties of Concrete at Early Ages. He is also a member of the American Society of Civil Engineers (ASCE).

His research interests include concrete service-life modeling, early-age hydration and property development, and the development of low-cost concrete materials for housing.

He received his BS in civil and environmental engineering from Brigham Young University, Provo, UT, in 2002, and his MS and PhD in civil engineering from the University of Texas at Austin, Austin, TX, in 2004 and 2007, respectively.

Jonathan L. Poole is a Senior Engineer and Group Manager with CTLGroup in Austin, TX. He is a licensed professional engineer in Texas. He is a member of ACI Committees 207, Mass Concrete, and 305, Hot Weather Concreting.

His research interests include durability and early-age concrete material properties.

He received his BS, MS, and PhD in civil engineering from the University of Texas at Austin, Austin, TX, in 1999, 2004, and 2007, respectively.

Anton K. Schindler is the Director of the Highway Research Center and Associate Professor at Auburn University, Auburn, AL, where he teaches courses in engineering mechanics, structural design, and concrete materials in the Civil Engineering Department. He has served on the faculty for the past 8 years and has twice been selected by students as the department's Outstanding Faculty Member.

He serves as Secretary of ACI Committees 231, Properties of Concrete at Early Ages, and 237, Self-Consolidating Concrete, and is a member of ACI Committee 209, Creep and Shrinkage in Concrete. He is also a member of the American Society of Civil Engineers (ASCE) and ASTM International.

He was the recipient of the Southeastern Concrete Alliance Network Quality Award for Concrete Pavement Construction in 2004. He received ACI's Wason Medal for Materials Research in 2006.

His research interests include nondestructive testing, concrete properties, early-age behavior of concrete structures, self-consolidating concrete, and concrete performance modeling.

Schindler received his BSE from the University of Pretoria, Pretoria, South Africa, in 1993, and his MSE and PhD from the University of Texas at Austin, Austin, TX, in 1999 and 2002, respectively. He is a licensed professional engineer in Alabama.

Maria Juenger is an Associate Professor in the Department of Civil, Architectural, and Environmental Engineering at the University of Texas at Austin, Austin, TX, where she has been since 2002.

She received the Walter P. Moore, Jr. Faculty Achievement Award from ACI in 2009 and the ACI Young Member Award for Professional Achievement in 2010. Juenger is Secretary of ACI Committee 236, Material Science of Concrete, and is a member of the Membership Committee, and ACI Committees 201, Durability of Concrete; 231, Properties of Concrete at Early Ages; and S802, Teaching Methods and Educational Materials.

Juenger's research interests include the chemistry and materials science of cement and concrete. Her work investigates phase formation in cement clinker, cement hydration, chemical admixture mechanisms, microstructural development, and chemical deterioration of concrete. Interested in reducing the negative environmental impact of concrete, her research seeks to find creative means to improve production processes, promote recycling, and improve concrete durability.

Juenger received her BS in chemistry from Duke University, Durham, NC, in 1994, and her PhD in materials science and engineering from Northwestern University, Evanston, IL, in 1999.

Kevin J. Folliard is a Professor and Austin Industries Endowed Teaching Fellow in the Department of Civil, Architectural, and Environmental Engineering at the University of Texas at Austin, Austin, TX, where he has been on the faculty since 1999. Prior to this, Folliard was an Assistant Professor at the University of Delaware, Newark, DE, from 1997 to 1999 and a Senior Research Engineer at W.R. Grace & Co. from 1995 to 1997.

Folliard is Chair of ACI Committee 201, Durability of Concrete. He is a past member of the Publications Committee and the Committee on Nominations, and ACI Committees 236, Material Science of Concrete; 544, Fiber-Reinforced Concrete; and ACI Subcommittee 318-A, General, Concrete, and Construction.

Folliard is a Fellow of ACI and he received the ACI Young Member Award for Professional Achievement in 2002. His research interests include the durability of concrete, especially alkali-silica reaction, delayed ettringite formation, and external sulfate attack. He teaches courses related to civil engineering materials, concrete technology, and concrete durability.

Folliard received his BS in civil engineering from the Florida Institute of Technology, Melbourne, FL, in 1990, and his MS and PhD in civil engineering from the University of California at Berkeley, Berkeley, CA, in 1991 and 1995, respectively.

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

Shih-Ho (Simon) Chao has been an Assistant Professor in the Department of Civil Engineering at the University of Texas at Arlington, Arlington, TX, since August 2007. He is a member of ACI Committee 544, Fiber-Reinforced Concrete, and Joint ACI-ASCE Committees 408, Development and Splicing of Deformed Bars, and 423, Prestressed Concrete. He is also a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI). His research interests include high-performance fiber-reinforced concrete, prestressed concrete, and seismic behavior of structural members. He received his BS in bioenvironmental system engineering from National Taiwan University, Taipei, Taiwan, in 1993; his MS in civil engineering from National Chung-Hsing University, Taichung, Taiwan, in 1995; and his PhD in civil engineering from the University of Michigan, Ann Arbor, MI, in 2005.

ACI Fellow **Antoine E. Naaman** is Professor Emeritus of Civil Engineering at the University of Michigan, Ann Arbor, MI. He has been involved in teaching and research for more than 40 years, and retired from teaching in 2007.

He is a Fellow of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI). He has received several professional awards, including the ASCE T.Y. Lin Award twice (1980 and 1993), the PCI Martin P. Korn Award twice (1979 and 1986), the UM Research Excellence Award (1987), Germany's Alexander von Humboldt Award (1989 and re-invitation 2004), the Hwa Ying Foundation for Culture and Education award (China, 2000), the URB Scholar Award of the American University of Beirut (2004), and the Japan Concrete Institute best paper award (2004).

He is a past Chair of ACI Committee 549, Thin Reinforced Products and Ferrocement, and is a member of ACI Committee 544, Fiber-Reinforced Concrete, and Joint ACI-ASCE Committee 423, Prestressed Concrete. He is a past member of ACI Committees 363, High-Strength Concrete; 440, Fiber-Reinforced Polymer Reinforcement; and Joint ACI-ASCE Committees 343, Concrete Bridge Design, and 446, Fracture Mechanics of Concrete.

His research interests include prestressed concrete, high-performance and ultra-high-performance fiber-reinforced cement composites, ferrocement, textile reinforced concrete, fiber-reinforced polymer reinforcements, and the integration-tailoring of advanced construction materials to improve structural performance. He has authored more than 350 technical publications; two textbooks, one on ferrocement and one on prestressed concrete; and co-edited 13 symposia proceedings.

Naaman received his MS and PhD degrees in civil engineering from the Massachusetts Institute of Technology, Cambridge, MA, in 1970 and 1972, respectively. He also obtained his engineering diploma from Ecole Centrale, Paris, France, in 1964, and a specialty degree in reinforced and prestressed

concrete from CHEC (Centre des Hautes Etudes de la Construction), Paris, France, in 1965.

Gustavo J. Parra-Montesinos see page 51 for bio.

ACI DESIGN AWARD

Mark B. Stevenson is an Associate with Tipping Mar + Associates, Berkeley, CA. His 29-year career in construction and engineering includes 18 years as a carpenter and foreman on various projects in the San Francisco Bay Area. For the past 11 years, he has practiced structural engineering, managing a wide variety of work including multi-unit residential, commercial, educational, medical, religious, and public art projects. He has particular interests in sustainable design, especially green concrete. He is also interested in the seismic performance of light framed systems, including wood, timber, and light gauge steel.

He is a member of the Structural Engineer's Association of Northern California (SEAONC) and a volunteer Disaster Service Worker with the State of California Safety Assessment Program (SAP).

He received his BS in zoology from the University of Michigan, Ann Arbor, MI, in 1980, and his MS in Structural Engineering from the University of California, Berkeley, CA, in 1999. He is a licensed professional engineer and structural engineer in California.

Leo Panian is a Senior Associate at Tipping Mar + Associates, Berkeley, CA. In his position, he is responsible for the overall design, management, and quality control of projects, serving as a crucial liaison between consultant team, contractor, and client. He specializes in the seismic design of steel and concrete structures, and has a wealth of experience in a variety of projects. His work emphasizes sound design that balances constructibility, cost-effectiveness, and high performance.

Several of his projects in the San Francisco Bay Area have been recognized for innovation and engineering excellence. He has been a leader in improving seismic design practice and has championed the use of damage-resistant, post-tensioned concrete walls for earthquake resistance. He has published several articles in technical journals such as *Concrete International* and the *PTI JOURNAL*, and has made numerous presentations on seismic design of structures at conferences, including those of ACI, the Structural Engineers Association of California (SEAOC), the Post-Tensioning Institute (PTI), the Deep Foundations Institute (DFI), and the California Department of Transportation (Caltrans).

Prior to joining Tipping Mar in 1997, he was a Bridge Engineer at Buckland and Taylor, Vancouver, BC, Canada, since 1994. He received his BS from the University of California, San Diego, San Diego, CA, and his MS from the University of California, Berkeley, Berkeley, CA, in 1993 and 1994, respectively.

DELMAR L. BLOEM DISTINGUISHED SERVICE AWARD

Fred Goodwin see page 43 for bio.

Andrew Scanlon is a Professor of Civil Engineering at The Pennsylvania State University, University Park, PA. He has held this position for the past 24 years and was previously a faculty member at the University of Alberta, Edmonton, AB, Canada. He also served as Head of the Department of Civil Engineering from 2001 to 2006. Prior to entering academia, he spent 10 years in professional practice, including 4 years at Construction Technology Laboratories (CTL, Inc.) in Skokie, IL.

He became a Fellow of ACI in 1999. He is currently Chair of ACI Committee 435, Deflection of Concrete Building Structures, and a member of ACI Committees 224, Cracking, and 348, Structural Reliability and Safety. He is a past member of the Technical Activities Committee, the Publications Committee, the Committee on Nominations, and ACI Committees 342, Evaluation of Concrete Bridges and Bridge Elements, and 437, Strength Evaluation of Existing Concrete Structures. He is also a past member of ACI Subcommittee 318-C, Safety, Serviceability, and Analysis. He became a Fellow of the American Society of Civil Engineers (ASCE) in 2003.

His research interests include the behavior of concrete structures with an emphasis on serviceability and safety, the evaluation of existing structures, the performance of bridge structures, and the computational mechanics of concrete structures.

He received his BS in civil engineering in 1966 from the University of Glasgow, Glasgow, Scotland, UK, and his PhD in civil engineering in 1972 from the University of Alberta, specializing in structural engineering.

Carlos Videla has been a Professor of Civil Engineering at the Pontificia Universidad Católica de Chile, Santiago, Chile, since 1978. He is also a Partner in the Videla & Associates S.A. engineering consulting firm in Santiago, Chile.

He is Chair of ACI Committee 209, Creep and Shrinkage in Concrete, and is a member of ACI Committees 231, Properties of Concrete at Early Ages, and C610, Field Technician Certification. He is a past member of ACI Committees 301, Specifications for Concrete, and C630, Construction Inspector Certification.

He is Chair of the Concrete Construction Committee of the Chilean Cement and Concrete Institute, and is a member of the Board of Directors of the Chilean Construction Industry Institute (IC), the National Council for Standardization in the Construction Sector, and the San Agustin Foundation. He is also a member of the editorial boards of the Revista Ingeniería de Construcción and Revista BIT journals.

In 2000, he received the Chilean Cement and Concrete Institute Award in the Technology Development category; and in 2007, he received the DICTUC (Dirección de Investigación Científica y Technológica de la Universidad Católica) Chilean Development Award in the Outstanding Professional category.

His research interests include thermal and shrinkage cracking; early-age

properties of concrete; special concretes such as lightweight, pervious, vacuum, and high-performance concretes; steel-concrete bond; concrete pathologies; and super-flat post-tensioned floors.

He received his civil engineering degree from the Pontificia Universidad Católica de Chile in 1974 and his PhD in civil engineering from the University of Birmingham, Birmingham, UK, in 1989.

CHAPTER ACTIVITIES AWARD—DOMESTIC

Mark A. Cheek, FACI, is Vice President of Beta Testing & Inspection, LLC, New Orleans, LA. He has over 21 years of experience in construction materials testing and inspection.

He is Chair of the ACI Young Member Award for Professional Achievement Committee, and is a member of the Chapter Activities Committee, the Certification Programs Committee, the Convention Committee, the Honors and Awards Committee, and ACI Committees 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete; 228, Nondestructive Testing of Concrete; C610, Field Technician Certification; C620, Laboratory Technician Certification; and E702, Designing Concrete Structures. He is a Past President of the ACI Louisiana Chapter and is also a member of the American Society of Civil Engineers (ASCE) and ASTM International. Cheek has been a supplemental examiner for the ACI Louisiana Chapter for 21 years and an examiner for 11 years.

Cheek received his BS in civil engineering in 1993 from the University of New Orleans, New Orleans, LA, and is a licensed professional engineer in Louisiana and Mississippi.

Dawn Miller is the Executive Director of the ACI Las Vegas Chapter in Las Vegas, NV. She has managed ACI chapters and the administration of ACI certification programs for the past 20 years.

She is Chair of the Chapter Activities Committee and is a member of the Membership Committee, the International Committee, the Membership Recruitment Task Group, and the Educational Activities Committee New Programs Task Force. She is a past member of the Certification Programs Committee and previously held the ACI Concrete Field Testing Technician—Grade I certification.

Her research interests include increasing collaboration and communication between local ACI chapters and ACI national, the advancement and development of local chapters, and offering an extensive ACI certification program in southern Nevada.

CHAPTER ACTIVITIES AWARD—INTERNATIONAL

Alejandro Durán-Herrera is Professor and Head of the Concrete Technology Department of the Universidad Autónoma de Nuevo León, Monterrey, Mexico.

He is member of the ACI Certification Programs Committee, the Educational Activities Committee, the International Committee, and ACI Committees C610,

Field Technician Certification; and C630, Construction Inspector Certification. He is also a member of ACI Committee S801, Student Activities, and the International Certification Subcommittee. He is a Past President of the ACI-FIC-UANL Northeast Mexico Student Chapter and the current chapter advisor. He served for 12 years as Secretary-Treasurer and Certification Director of the ACI Northeast Mexico Chapter, where he was in charge of educational and student activities. He is also a member of ASTM International.

In 2004, he received the ACI Young Member Award for Professional Achievement; he became an ACI Fellow in 2006.

His research interests include high-performance concrete, internal curing of concrete, and high-volume fly ash concrete.

He received his BS in civil engineering in 1994 and his PhD in material engineering in 2003 from the Universidad Autónoma de Nuevo León. Since 2008, he has been Coordinator of the PhD program on construction materials and structural design at the School of Civil Engineering (FIC). In 2007, he finished his postdoctoral research at the University of Sherbrooke, Sherbrooke, QC, Canada.

Guillermo Santana has been a member of the teaching and research faculty of the University of Costa Rica, San Pedro, Costa Rica for the past 25 years. He currently holds the title of Professor of Structural Engineering at the School of Civil Engineering and Structural Engineering Research Program Director at the National Laboratory for Materials and Structural Models at the University of Costa Rica.

He was elected an ACI Fellow in 2006. He is a member of ACI Committees 314, Simplified Design of Concrete Buildings; 318, Structural Concrete Building Code; 341, Earthquake-Resistant Concrete Bridges; 374, Performance-Based Seismic Design of Concrete Buildings; S803, Faculty Network Coordinating Committee, and Joint ACI-ASCE Committee 445, Shear and Torsion. He is a founding member of the ACI Costa Rica Chapter, which was founded in 1988, and has been President of this chapter since 2005.

His research interests include structural dynamics, earthquake hazard estimation, earthquake-resistant design, and laboratory testing of reinforced concrete construction. He has authored or co-authored over 50 publications on structural and earthquake engineering. Since 1990, he has had a leading role in the code-writing body of the professional society of engineers in Costa Rica.

He received his BS in civil engineering from the University of Costa Rica, San Pedro, Costa Rica, in 1979. He received his MS and PhD in structural engineering from the University of Illinois at Urbana-Champaign, Champaign, IL, in 1981 and 1985, respectively.

WALTER P. MOORE, JR. FACULTY ACHIEVEMENT AWARD

Stephan A. Durham is an Assistant Professor in the Department of Civil Engineering at the University of Colorado Denver (UCD), Denver, CO. He has

authored or co-authored 27 technical journal, conference, and research papers and reports. Since joining UCD in the fall of 2005, he has advised 18 MSCE and two PhD students to graduation. In 2010, he received the Teacher of the Year Award for UCD. He teaches courses in Introduction to Structural Materials, Reinforced Concrete Design, Advanced Concrete Materials, and Prestressed Concrete Design.

In the fall of 2007, he developed a student program in collaboration with the Colorado Ready-Mixed Concrete Association, the Colorado Department of Transportation, and the Rocky Mountain Cement Council for students to become ACI Field Testing Technician—Grade 1 certified. Approximately 70 students have participated in this optional program.

He is a member of the ACI Membership Committee and Student and Young Professionals Activities Committee. He is also a member of ACI Committees C610, Field Technician Certification; E905, Training Programs; and S805, Collegiate Concrete Council-CLGE. He is also a member of the American Society of Civil Engineers (ASCE) and the American Society of Engineering Education (ASEE). He serves as the faculty advisor for the student chapter of ASCE at UCD.

His research interests include concrete materials properties, pervious concrete pavements, sustainability through concrete materials and construction, and structural evaluation. He has completed funded research for the Federal Highway Administration, the Colorado Department of Transportation, the Environmental Protection Agency, and the Colorado Department of Public Health and Environment.

Durham received his BSCE, MSCE, and PhD in structural engineering from the University of Arkansas, Fayetteville, AR, in 2001, 2003, and 2005, respectively. He is a licensed professional engineer in Colorado.

EDUCATIONAL ACTIVITIES COMMITTEE SPEAKER OF THE YEAR AWARD

Lawrence C. Novak, SE, SECB, LEED AP, Director of Engineered Buildings, Portland Cement Association (PCA), Skokie, IL. Novak has more than 20 years of experience as a structural engineer on high-rise, mid-rise, and special-use structures throughout the world, including seismic regions. Prior to joining PCA, he was an Associate Partner with Skidmore, Owings & Merrill, where he recently served as the Lead Structural Engineer for the Burj Khalifa, the world's tallest building, in Dubai, UAE. Novak serves on several technical structural committees and is a member of ACI Committee 130, Sustainability of Concrete, and 209, Creep and Shrinkage in Concrete. He is also a member of Joint ACI-ASCE Committee 445, Shear and Torsion; ACI Subcommittee 318-E, Shear and Torsion; and Joint ACI-ASCE Subcommittee 445-A, Strut and Tie Modeling. He is a member of the American Society of Civil Engineers and the Structural Engineers Association of Illinois and has served on the Board of Directors of several engineering organizations, including SEAOI, TCA, and the Illinois Engineering Hall of Fame. He has co-authored numerous publications on structural engineering and received the Structural Engineers Association of Illinois' Meritorious Publication

Award in 2001 and 2008, the National Council of Structural Engineers Associations' Outstanding Structural Engineering Publication Award in 2001, and the United Kingdom's Oscar Faber Award in 2002. Novak is a licensed structural engineer and a Certified Structural Peer Reviewer.

Index

F

G

H

J

K

L

M

N

O

P

R

S

V

W

ACI selects the winners of its annual awards through an open nomination process. ACI members can participate in the Honors and Awards Program by nominating worthy candidates for award consideration. Nomination forms can be found on the ACI Web site, www.concrete.org, or by contacting Diane Pociask at Diane.Pociask@concrete.org.