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CHAPTER AWARDS – CITATIONS OF EXCELLENCE

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, 198 have been elected to this position.

"for his outstanding leadership and vision that have enhanced the financial and administrative foundations of the Institute, and for his advocacy of active contractor participation"

Robert Epifano

Robert Epifano is Chairman of Epic Management, Inc., in Piscataway, NJ, a contracting firm he founded in 1971, which has since become one of the largest general contracting and construction management firms in New Jersey.

An ACI Fellow, Epifano is a member and former Chair of the ACI Construction Liaison Committee (CLC); the ACI Financial Advisory Committee (FAC); the ACI Fellows Nomination Committee; and ACI Committee 302, Construction of Concrete Floors. He is a past member of the ACI Board of Direction; the ACI Reinforced Concrete Research Council (discharged); the ACI Membership Committee; the ACI Convention Committee; and ACI Committee 318, Structural Concrete Building Code. He is a Past President and Director of the ACI New Jersey Chapter. Epifano received the Roger H. Corbetta Concrete Constructor Award in 2000. He studied civil engineering at Villanova University, Villanova, PA.

Honorary Members

James O. Jirsa

"for his outstanding accomplishments in the research areas of design, behavior and durability of concrete structures including repair and strengthening of structures, and for his leadership in improving ACI's international relationships"

James O. Jirsa is the Janet S. Cockrell Centennial Chair in Engineering at the University of Texas (UT) at Austin, Austin, TX, and has been on the faculty since 1972. He served as Director of the Ferguson Structural Engineering Laboratory and as Chairman of the Department of Civil Engineering. Prior to joining UT, he was a member of the civil engineering faculty at Rice University and the University of Nebraska.

Jirsa is an ACI Past President and served on the ACI Board of Direction. He is Chair of ACI Committee 318F, New Materials, Products, and Ideas. He is a member of ACI Committees 318, Structural Concrete Building Code, and 369, Seismic Repair and Rehabilitation. He is Past Chair of the ACI International Partnerships Committee; the ACI Technical Activities Committee (TAC); ACI Committee 408, Bond and Development of Reinforcement; and Joint ACI-ASCE Committees 352, Joints and Connections in Monolithic Concrete Structures, and 421, Design of Reinforced Concrete Slabs. He is a past member of the ACI International Committee. He received the ACI Wason Medal in 1977, the Raymond C. Reese Structural Research Award in 1977 and 1979, the ACI Alfred E. Lindau Award in 1986, the ACI Delmar L. Bloem Award in 1990, the ACI Arthur J. Boase Award in 1993, and the ACI Joe W. Kelly Award in 1997. He is also a member of the American Society of Civil Engineers (ASCE).

His research interests include the behavior and design of reinforced concrete structures, including the anchorage and development of reinforcement, detailing, durability, and rehabilitation of structures in seismic zones.

He received a BS in civil engineering from the University of Nebraska-Lincoln, Lincoln, NE, in 1960, and his MS and PhD from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1962 and 1963, respectively.

"for his lifetime contributions to concrete materials technology and advancement of our knowledge of mass concrete and performance of dams, and for his exceptional efforts to further ACI's international programs"

Selmo Chapira Kuperman

Selmo Chapira Kuperman began his career in 1970 at the Technological Research Institute in São Paulo, Brazil. He then joined Themag, a consulting engineering company, working mainly with dams and tunnels. Overseas, he worked at the National Laboratory of Civil Engineering, Lisbon, Portugal; Taylor Woodrow Research Laboratories, London, UK; and the University of California-Berkeley, Berkeley, CA, where he was a Visiting Professor.

An ACI member for almost 30 years, he serves on the ACI International Committee; the ACI International Partnerships Committee; and ACI Committees 207, Mass Concrete; 223, Shrinkage-Compensating Concrete; 318WA, Workshop Attendees; and 506, Shotcreting. He is a liaison member for ACI and the Brazilian Concrete Association (now IBRACON).

A board and committee member of IBRACON, he served as President from 1997 to 1999. Awards received include the IBRACON Honorary Membership in 2001; the Ary Torres Award in 2002, as outstanding concrete technology engineer of the year; and the Eladio Petrucci Award from the Brazilian Standards Association and the Brazilian Portland Cement Association in 1983. He is also a member of ASTM International, where he serves on several technical committees, and is a member of the Association of State Dam Safety Officials (ASDSO). Kuperman has authored or coauthored nearly 100 technical papers and books.

His research interests include roller-compacted concrete, alkali-aggregate reactions, instrumentation, and dam safety.

He received his BS, MS, and PhD in engineering from the University of São Paulo, São Paulo, Brazil, in 1969, 1978, and 1989, respectively, and has been a Visiting Professor at the Polytechnic School at that university since 1990.

Honorary Members

Harold R. Sandberg

"for his lifetime achievements and contributions to ACI and the concrete industry; particularly for pioneering the advancement of design, construction, and maintenance of concrete bridges"

Harold R. Sandberg is Chairman Emeritus of Alfred Benesch & Company, where he began working in 1947. For the last 60 years, he has held many positions ranging from Associate Engineer to President to Chairman.

Sandberg serves on the ACI Scholarship Council; ACI Committees 336, Footings, Mats, and Drilled Piers; 342, Evaluation of Concrete Bridges and Bridge Elements; 345, Concrete Bridge Construction, Maintenance, and Repair; 348, Structural Safety; and Joint ACI-ASCE Committee 343, Concrete Bridge Design. He is Past Chair of ACI Committees 336, Footings, Mats, and Drilled Piers; 342, Evaluation of Concrete Bridges and Bridge Elements; Joint ACI-ASCE Committee 343, Concrete Bridge Design; and the ACI Responsibility in Concrete Construction Committee. Sandberg is a past member of the ACI Board of Direction; the ACI Technical Activities Committee (TAC); the TAC High Performance Concrete Committee (discharged); and ACI Committees 116, Terminology and Notation (discharged), and 341, Earthquake-Resistant Concrete Bridges. He is a member and Past President (1974) of the ACI Illinois Chapter. He received the ACI Delmar L. Bloem Award in 1997, the ACI Illinois Chapter Henry Crown Award in 2005, and the ACI Alfred E. Lindau Award in 2006. He has authored or coauthored numerous papers and presented them at ACI conventions. Sandberg is also a member of the American Society of Civil Engineers (ASCE).

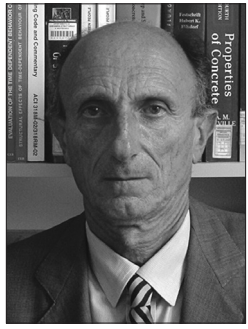
His research interests include structural redundancy and durability.

Sandberg received his BS and MS in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1942 and 1947 (after serving in the U.S. Navy), respectively. He is a licensed Structural Engineer in Illinois and a licensed Professional Engineer in Illinois, Colorado, Kentucky, and Missouri.

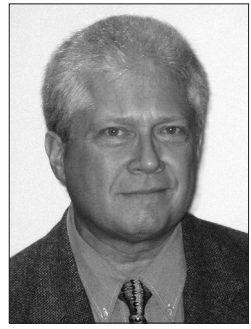
Fellow—*"A Fellow shall be a person who has made outstanding contributions to the production or use of concrete materials, products, and structures in the areas of education, research, development, design, construction, or management." (Bylaws, Article II, Section 3.) Created in 1973, 582 members now hold the position of Fellow. They are recommended by the Fellows Nomination Committee and elected by the Board of Direction.*

Claude Bédard

Joseph J. Biernacki

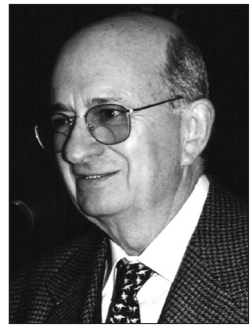


Mario A. Chiorino

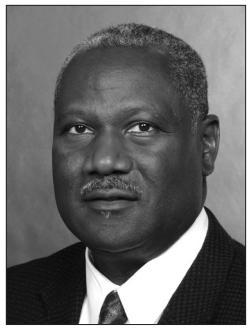


V. Tim Cost

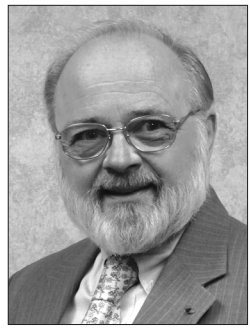
Anne M. Ellis



Alberto Giovambattista



Herman L. Graves, III



John C. Hukey

Tarek S. Khan

Venkatesh Kodur

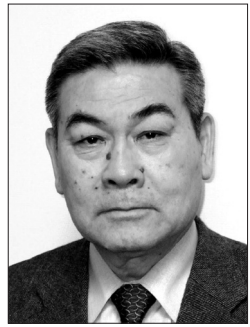
Jacques March-and

John S. Popovics

Caijun Shi

Carol K. Shield

David J. Stevens

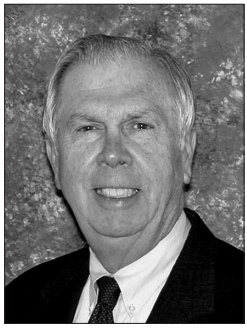


Yasuhiko Yamamo-to

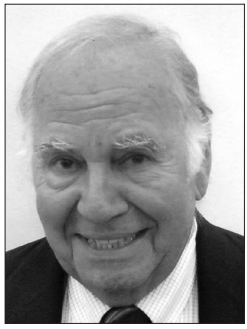
Dan G. Zollinger

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.

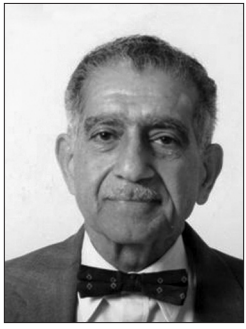


W. Gene Corley



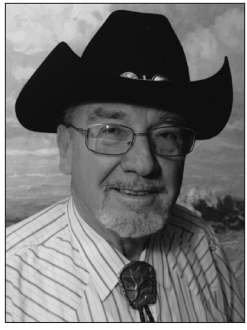
Eduardo Guevara

Emil Hach



Richard Isa

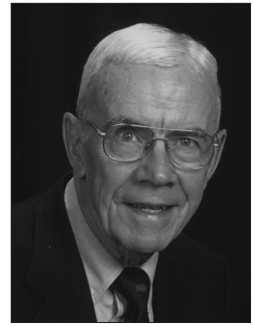
Norman Jacobson, Jr.



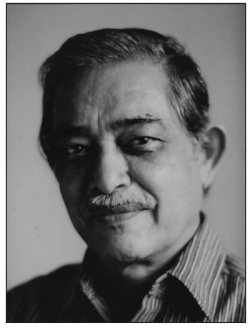
Allan Kenney

50-Year Membership Citations

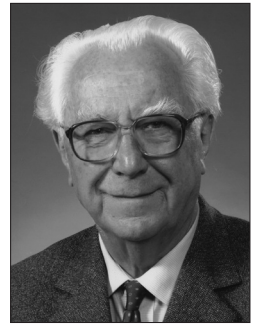
Adam Neville



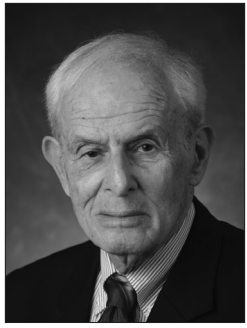
Howard Newlon, Jr.



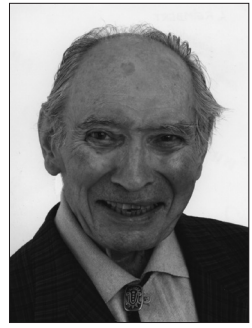
Shirish Patel



Thomas Paulay

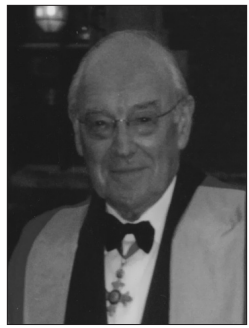


Lee Polisner



Andre Reimbert

50-Year Membership Citations

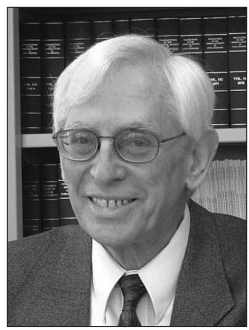


Roy Rowe

Kazuhisa Shirayama

H. Carl Walker

Jesse Wyatt

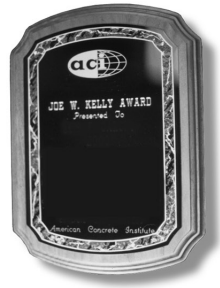


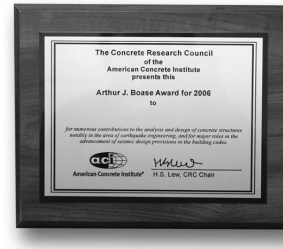
Rubin Zallen

Not Pictured:

Kenneth Beede
Robert Boehmig
Aldo Boscariol
Lloyd Cheney
Thomas Fok
Walter Kunze
J. Merritt, Jr.
John Parsons
Luis Reis-Costa
Yves Saillard
Laxmidas Shah
William Taylor
Robert Welty

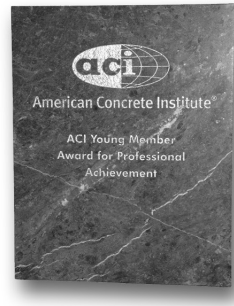
ACI Awards


JOE W. KELLY AWARD
Presented To
American Concrete Institute


The Concrete Research Council
of the
American Concrete Institute
presents this
Arthur J. Boase Award for 2006
to
American Concrete Institute®
H.S. Lew, CRC Chair

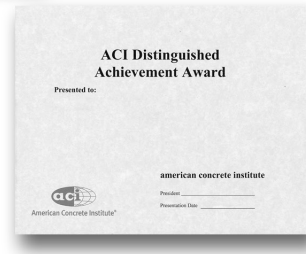

AMERICAN CONCRETE INSTITUTE

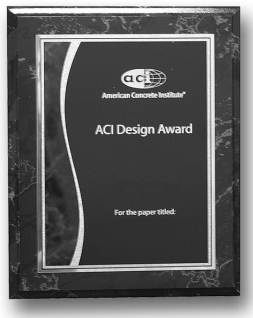

CRC
Concrete Research Council
Robert E. Philleo Award
American Concrete Institute®
H.S. Lew, Chair, CRC


American Concrete Institute®
ACI Young Member
Award for Professional
Achievement

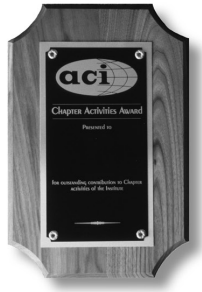

DISTINGUISHED SERVICE AWARD
JAD

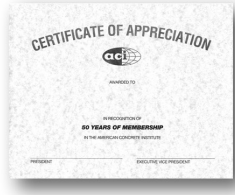

ACI CERTIFICATION AWARD
2006
For outstanding service on ACI Certification committees and
in administering ACI Certification programs in Colorado

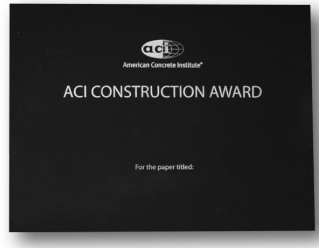

ACI Distinguished
Achievement Award
Presented to:
american concrete institute
American Concrete Institute®

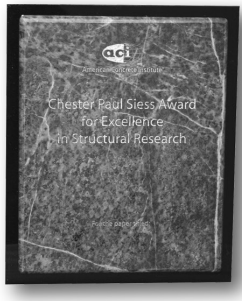

American Concrete Institute®
ACI Design Award
For the paper titled:


EXCELLENT
CHAPTER


aci
Chapter Activities Award
Presented to
for outstanding contribution to Chapter activities of the Institute


CERTIFICATE OF APPRECIATION
aci
AWARDED TO
IN RECOGNITION OF
50 YEARS OF MEMBERSHIP
IN THE AMERICAN CONCRETE INSTITUTE
PRESIDENT
EXECUTIVE VICE PRESIDENT

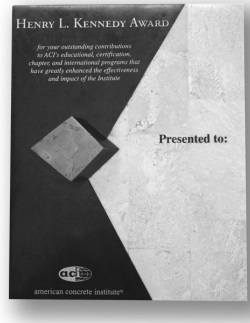

aci
American Concrete Institute
ACI CONSTRUCTION AWARD
For the paper titled:


aci
American Concrete Institute
Chester Paul Siess Award
for Excellence
in Structural Research

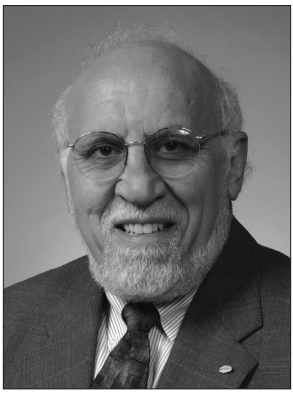

WASON MEDAL
FOR
MATERIALS RESEARCH


aci
OUTSTANDING
CHAPTER


aci
ROGER H. CORBETTA AWARD
For
SIGNIFICANT INNOVATION IN
CONCRETE CONSTRUCTION


Henry L. Kennedy Award
for your outstanding contributions to ACI's educational, certification, chapter, and international programs that have greatly enhanced the effectiveness and impact of the Institute
Presented to:
aci
american concrete institute

Arthur R. Anderson Award



Nicholas J. Carino

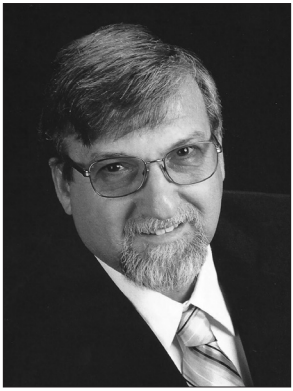
"for his advancement of quality concrete through research on in-place and nondestructive test methods, and high-performance concrete; and exceptional contributions to improved standards for concrete materials, test methods, and building codes."

(For bio see page 45)

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



D. Thomas Ruttura

"for his outstanding contributions over the last 40 years to both ACI and to the improvement of the concrete construction industry and for his commitment to funding research to solve problems in concrete construction"

(For bio see page 46)

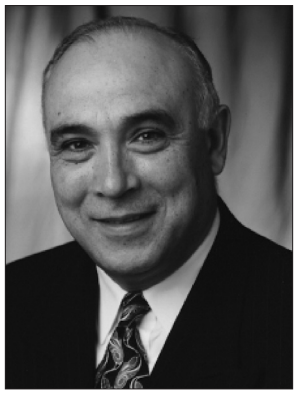
The Roger H. Corbetta Concrete Constructor Award was established in 1972 by the Institute in recognition of Roger H. Corbetta, Past President of the Institute, for his creative leadership and his many outstanding contributions to the use of concrete for construction.

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

"for his more than 30 years of dedication to concrete education and research in concrete technology, particularly his pioneering contributions to the use of FRP in reinforced and prestressed concrete"

(For bio see pages 46-47)



Sami Hanna Rizkalla

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

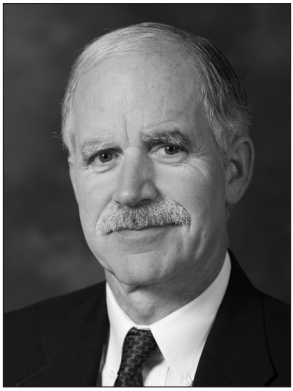
"for his outstanding contributions to ACI's educational, certification, chapter, and international programs that have greatly enhanced the effectiveness and impact of the Institute"

(For bio see page 47)

Luke M. Snell

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



James K. Wight

"for his service and dedication in chairing Committee 318, Structural Concrete Building Code, for the 2005 and 2008 code cycles"

(For bio see pages 47-48)

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

Per Fidjestol

"for his many years of dedicated service to the concrete industry, including his tireless efforts to expand the use of silica fume and high-performance concrete"

(For bio see page 48)

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 over 80 years of innovation in design and construction of concrete highways, bridges, mass transit facilities, and airports, and for providing outstanding leadership in workforce and quality initiatives that have advanced concrete construction"

GRANITE CONSTRUCTION COMPANY SINCE 1922

Granite Construction Company

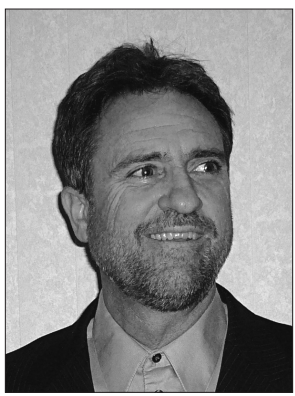
(For bio see page 49)

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 Certification Award

"for outstanding and tireless service in initiating, promoting, and administering ACI Certification programs"



Stephen W. Campbell

(For bio see page 49)

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

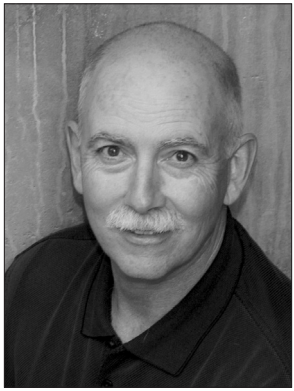
William F. Rossi

"for outstanding service as Member, Secretary, and Chair on ACI Certification committees, and in promoting and administering ACI Certification programs"

(For bio see page 50)

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



J. Edward Sauter

"for outstanding service as Member, Secretary, and Chair on ACI Certification committees, and promoting and administering ACI Certification programs"

(For bio see pages 50-51)

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 Distinguished Achievement Award

"for continued service over the years in the areas of promotion, education, political and lobbying efforts, and agency interaction for concrete and industry-related items"

CNCA
California Nevada Cement Association

California Nevada Cement Association

(For bio see page 51)

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 Young Member Award for Professional Achievement

"for contributions to advancing the quality of concrete construction through research, development, and technology transfer; contributions to the concrete industry through work on ACI technical committees; and for the mentoring and supporting of students and student activities"

JoAnn Browning

(For bio see pages 51-52)

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

Matthew Offenberg

"for contributions to concrete technology, and leadership and service to the industry, his community, and on ACI technical committees"

(For bio see page 52)

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

Michelle Lee Wilson

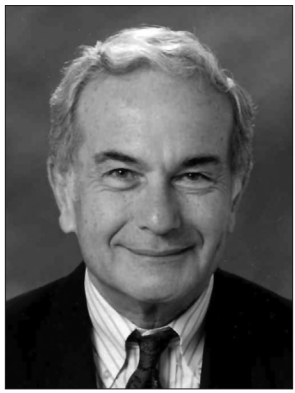
"for contributions to the continuing education of professors through her organization and facilitation of faculty workshops and for her service in providing presentations and developing technical publications in support of the concrete industry"

(For bio see page 52)

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 paper that presents a philosophy of development of a Building Code recognizing the interaction of theory, observation, and practice"



Mete A. Sozen

"The Building of a Building Code," Concrete International, V. 28, No. 5, May 2006, pages 45-50

(For bio see page 53)

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

"for her coauthored paper that provides a statistical comparison of compressive strengths of 4 x 8 in. and 6 x 12 in. cylinders in support of a precision statement for testing standards"

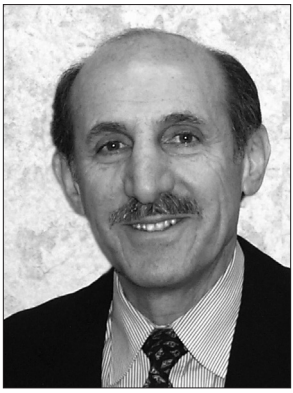
Rachel J. Detwiler

"Acceptance Testing Using 4 x 8 in. Cylinders," Concrete International, V. 28, No. 1, January 2006, pages 81-88

(For bio see pages 53-54)

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



Terry E. Swor

"for his coauthored paper that provides a statistical comparison of compressive strengths of 4 x 8 in. and 6 x 12 in. cylinders in support of a precision statement for testing standards"

"Acceptance Testing Using 4 x 8 in. Cylinders," Concrete International, V. 28, No. 1, January 2006, pages 81-88

(For bio see page 54)

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

Wendy L. Thomas

"for her coauthored paper that provides a statistical comparison of compressive strengths of 4 x 8 in. and 6 x 12 in. cylinders in support of a precision statement for testing standards"

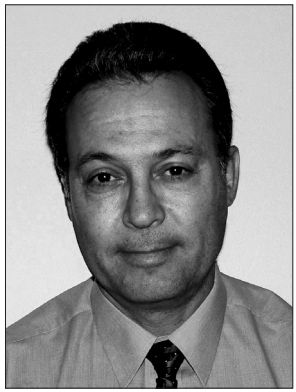
"Acceptance Testing Using 4 x 8 in. Cylinders," Concrete International, V. 28, No. 1, January 2006, pages 81-88

(For bio see page 54)

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 coauthored paper that develops a chemical index to assess the efficiency of fly ash in mitigating alkali-silica reaction"



L. Javier Malvar

"Efficiency of Fly Ash in Mitigating Alkali-Silica Reaction Based on Chemical Composition," *ACI Materials Journal*, September-October 2006, pages 319-326

(For bio see page 55)

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 coauthored paper that develops a chemical index to assess the efficiency of fly ash in mitigating alkali-silica reaction"

Lary R. Lenke

"Efficiency of Fly Ash in Mitigating Alkali-Silica Reaction Based on Chemical Composition," *ACI Materials Journal*, September-October 2006, pages 319-326

(For bio see pages 55-56)

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

M. Keith Thompson

"for his coauthored paper that develops a model to determine the anchorage capacity of headed reinforcement in structural concrete"

"Behavior and Capacity of Headed Reinforcement," ACI Structural Journal, July-August 2006, pages 522-530

(For bio see page 56)

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

James O. Jirsa

"for his coauthored paper that develops a model to determine the anchorage capacity of headed reinforcement in structural concrete"

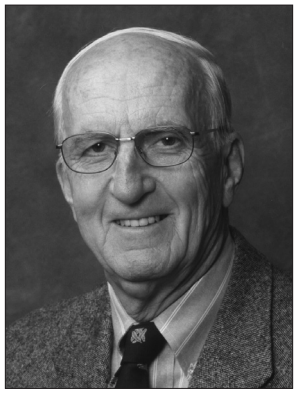
"Behavior and Capacity of Headed Reinforcement," ACI Structural Journal, July-August 2006, pages 522-530

(For bio see pages 56-57)

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

"for his coauthored paper that develops a model to determine the anchorage capacity of headed reinforcement in structural concrete"



John E. Breen

"Behavior and Capacity of Headed Reinforcement," *ACI Structural Journal,* ***July-August 2006, pages 522-530***

(For bio see page 57)

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 paper that describes the innovative architectural use of concrete in San Francisco Federal Building that addressed sustainability"

Steve Ratchye

"Architecture Sustained in Concrete," *Concrete International,* ***May 2006, pages 35-40***

(For bio see pages 57-58)

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 Award for Distinguished Service

Norbert J. Delatte

"for outstanding leadership of Committee 325, Concrete Pavements"

(For bio see page 58)

The **Delmar L. Bloem Award for Distinguished Service** 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 Award for Distinguished Service

Chiara F. Ferraris

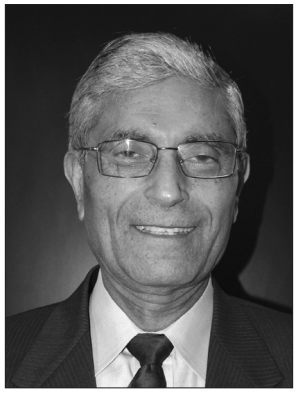
"for outstanding leadership of Committees 236, Material Science of Concrete, and 238, Workability of Fresh Concrete"

(For bio see pages 58-59)

The **Delmar L. Bloem Award for Distinguished Service** 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 Award for Distinguished Service

"for outstanding leadership of Committee 350, Environmental Engineering Concrete Structures"



Satish K. Sachdev

(For bio see pages 59-60)

The **Delmar L. Bloem Award for Distinguished Service** 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 outstanding leadership and commitment to the ACI South Florida Chapter"

Michael Hernandez

(For bio see page 60)

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

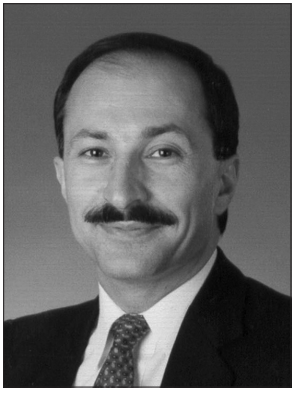
Daniel H. Webber

"for his unending diligence in maintaining and continuing the standard of excellence through his commitment to the ACI New Jersey Chapter"

(For bio see pages 60-61)

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



Mostapha A. Vand

"for his consistently outstanding contributions and dedication to the growth of the ACI Iran Chapter"

(For bio see page 61)

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

"in recognition of her dedication to her students for teaching, commitment in the classroom to connect the technical aspects of concrete construction with the business sense of the industry, and her contributions to education initiatives in concrete materials management"

(For bio see pages 61-62)

Heather J. Brown

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.

ACI Foundation Concrete Research Council—Arthur J. Boase Award

"for his research to improve understanding of the seismic behavior of reinforced concrete structures and for his leadership in transferring research results to practice"

(For bio see page 62)

Jack P. Moehle

The **Arthur J. Boase Award,** presented by the ACI Foundation Concrete Research Council, was first awarded in 1971 in recognition of outstanding activities and achievements in the reinforced concrete field.

ACI Foundation Concrete Research Council—Robert E. Philleo Award

Richard Edwin Weyers

"for outstanding contributions toward extending the service life of reinforced concrete structures through the application of concrete materials research"

(For bio see pages 62-63)

The **Robert E. Philleo Award** of the ACI Foundation Concrete Research Council, established in 1992, is given in recognition of a person, persons, or an organization for outstanding research in the concrete materials field, or for outstanding contributions to the advancement of concrete technology through application of the results of concrete materials research. It is given in memory of an Institute Past President and Honorary Member who was also Chair of the ACI Foundation Concrete Materials Research Council, now the Concrete Research Council.

T.Y. Lin Award

TBD March 2008

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 52 possible points. Those achieving at least 26 points are accorded “outstanding” status. A rating of at least 34 points is necessary for “excellent” honors.

Excellent Chapters

Arizona
Georgia
Greater Miami Valley
India
Indiana
Iran
Kansas
Louisiana
Missouri
New Jersey
New Mexico
Peru

Outstanding Chapters

Central & Southern Mexico
Las Vegas
Lebanon
Nebraska
Northeast Texas
Northern California/Western Nevada
Ontario
Pittsburgh
Republic of Colombia
San Antonio
San Diego International
South Florida
Southern California
Virginia

HONORARY MEMBERSHIP – Robert Epifano (see page 5)
HONORARY MEMBERSHIP – James O. Jirsa (see page 6)
HONORARY MEMBERSHIP – Selmo Chapira Kuperman (see page 7)
HONORARY MEMBERSHIP – Harold R. Sandberg (see page 8)

FELLOWS

Claude Bédard is President of Euclid Admixture Canada and Vice President and General Manager of The Euclid Chemical Co., Montreal, QC, Canada.

He is Chair of the ACI Foundation, Strategic Development Council, and ACI Committee 225, Hydraulic Cements. He is a past member of ACI Committees 212, Chemical Admixtures; 237, Self-Consolidating Concrete; and 363, High Strength Concrete. He is also a member of the ACI Quebec Chapter, where he served as President in 1988 and 1992. Bédard is a member of the Canadian Standards Association (CSA) Committee A23.1, Concrete Materials and Methods of Construction; the CSA Standards Policy Board; and Canadian Research Council Institute for Research in Construction Advisory Board.

Bédard received his bachelor's degree in civil engineering in 1981, his master's degree in civil engineering in 1983, and his PhD in civil engineering in 2005 from Sherbrooke University, Sherbrooke, Quebec, Canada. He is a registered Civil Engineer.

Joseph J. Biernacki is a Professor of chemical engineering at Tennessee Technological University, Cookeville, TN, where he has been for the past 10 years. Prior to that time, he worked for 15 years as an Engineer for the British Petroleum Co. at various locations followed by 2 years as Director of Educational Programs for the Center for Advanced Cement-Based Materials (ACBM) at Northwestern University. Biernacki is a member and Past Chair of ACI Committees 231, Properties of Concrete at Early Ages; E802, Teaching Methods and Educational Materials; and E804, Educational Awards Nomination. He is also a member of ACI Committee 236, Material Science of Concrete. He is a past member of the ACI Educational Activities Committee.

His research interests include multi-scale phase resolved characterization of hydration, property development at early age, and the mechanical response of portland cement-based materials. Biernacki received his BS in chemical engineering from Case Western Reserve University in 1980 and his DRE in chemical engineering from Cleveland State University in 1988. He is a licensed Professional Engineer in New York.

Mario A. Chiorino is a Professor of structural mechanics at the Turin Institute of Technology (Politecnico di Torino), Turin, Italy, where he is also a Professor of theory and design of structures and of structural analysis of masonry and monumental structures. From 1990 to 1997, he was Vice Rector for Education. He was also a Visiting Professor at Nagoya City University, Nagoya, Japan, in 2002; a Professor of Structural Analysis in the School of Architecture at the University of Venice, Italy, from 1973 to 1975; and held seminars and lectures in various universities and institutions in Italy and abroad.

Chiorino is a member of ACI Committee 209, Creep and Shrinkage in Concrete, and the International Conferences/Conventions Committee. He is also President of the ACI Italy Chapter and is a member or past member of various technical committees in the field of structural concrete within international organizations such as Fédération Internationale du Béton (*fib*), CEB, RILEM, the International Association for Bridge and Structural Engineering (IABSE), the International Committee for Industrial Chimneys (CICIND), and the Italian Standard Organization (UNI). He is also a National Member of the Academy of Sciences of Turin.

His research interests include analysis of concrete structures with particular regard to creep and shrinkage effects, design of concrete tall chimneys, mechanical behavior of masonry structures, conservation of structural concrete architectural heritage, and history of structural mechanics.

Chiorino received his doctorate degree in civil engineering at the Politecnico di Torino in 1962.

V. Tim Cost is a Senior Technical Service Engineer for Holcim (US), Inc. For 10 years prior to joining Holcim (then Holnam) in 1996, he represented the concrete industry in Mississippi, initially as a Portland Cement Association Field Engineer then as Executive Director of the Mississippi Concrete Industries Association. From 1976 to 1986, he was involved with research work relating to concrete structures at the U.S. Army Corps of Engineers Waterways Experiment Station (now Engineer Research and Development Center). He has authored and coauthored dozens of technical papers and articles.

Cost is Chair of ACI Committee 330, Concrete Parking Lots and Site Paving, and is a member of ACI Committees 211, Proportioning Concrete Mixtures; 230, Soil Cement; 302, Construction of Concrete Floors; 325, Concrete Pavements; and 360, Design of Slabs on Ground. He is a member of the American Society of Civil Engineers (ASCE) and ASTM International, where he serves on Committees C1, Cement, and C9, Concrete and Concrete Aggregates, and leads a Task Group of

Subcommittee C01/09.48, Performance of Cementitious Materials and Admixture Combinations. He is also active in the local concrete industry associations in three states, is an instructor and examiner for ACI Concrete Technician and Finisher Certification Programs, and is President of the ACI Mid-South Chapter. He has also served as an instructor for ACI international seminars on Concrete Parking Areas and Site Paving.

His research interests include cement-admixture interaction, compatibility of concrete materials, soil stabilization with alternative binder materials, concrete pavement design and performance, and concrete durability.

He received a BS in 1976 and pursued graduate studies in civil engineering from 1977 through 1982 at Mississippi State University. He is a registered Professional Engineer and Land Surveyor in Mississippi.

Anne M. Ellis is Vice President, Business Practices & Enterprise Ethics, at Earth Tech, Inc., in Alexandria, VA, where she manages cross-functional teams in the development of business solutions for this multinational engineering, environmental, and construction company. Ellis began her career in structural engineering and has participated in and led design teams for numerous high-rise concrete building projects throughout the U.S. She is the former Regional Structural Engineer-Eastern U.S. for the Portland Cement Association (PCA) and Applied Engineering Manager for the National Ready Mixed Concrete Association (NRMCA). For many years, she taught PE and FE review courses, supporting engineers in pursuit of professional registration.

Ellis is Chair of the ACI Marketing Committee and is a member of the ACI Board Advisory Committee on Sustainable Development. She serves as a work group champion for the development of the SDC Concrete Sustainability Roadmap. Previously, she served on the ACI Board of Direction and was Chair of the Task Group on Students. She is a past member of the ACI Membership Committee and ACI Committees 332, Residential Concrete Work; 375, Performance-Based Design of Concrete Buildings for Wind Loads; 551, Tilt-Up Concrete Construction; and C650,Tilt-Up Constructor Certification.

Ellis received her BS in civil engineering from Virginia Polytechnic Institute and State University, Blacksburg, VA, in 1980. She has been a registered Professional Engineer in Virginia since 1984.

Alberto Giovambattista is a Consultant Engineer in concrete technology. He has been involved in many large projects constructed in Argentina and South America during the last 30 years, including dams, bridges, buildings, industrial plants, airports, roads, and rehabilitation of concrete structures. Previously, he was a Professor (1969 to 2005) and Dean (2001 to 2003)

of the Faculty of Engineering, National University of La Plata, Argentina. He has also been the Director (Magister) in Concrete Technology in two national universities of Argentina (1983 to 1986 and 1995 to 2005). He has authored or coauthored over 90 technical papers.

He has been an ACI member since 1970 and is a member of ACI Committees 318-WA, International Workshop—Structural Concrete in the Americas; 365, Service Life Prediction; and 437, Strength Evaluation of Existing Concrete Structures. He is also Vice President of the ACI Argentina Chapter. He has been Chair of the Concrete Technology Committee that prepared the National (Argentina) Code for Building Concrete Structures CIRSOC 201, at the CIRSOC-INTI Research Center for National Safety Regulations about Civil Constructions, National Institute of Industrial Technology, since 1989.

His research interests include additives, bleeding, creep, RCC, HPC, mass concrete, and safe life design.

Giovambattista received his civil engineering degree from the National University of La Plata in 1963. He is a registered Professional Engineer in Argentina.

Herman L. Graves, III is a Senior Structural Engineer with the U.S. Nuclear Regulatory Commission (NRC), where he has been employed since 1980. He is responsible for formulating and managing NRC-sponsored research programs related to civil/structural engineering, and has been involved in research programs involving nuclear containment testing and inspection, concrete structural aging, anchorage to concrete, and soil-structural interaction. Graves has also written several NRC regulatory guides and assisted in reviewing license applications for commercial nuclear power plants and fuel cycle facilities. The findings and test results of research programs managed by Graves contributed to the technical bases for NRC Regulatory Guide 1.142, “Safety-Related Concrete Structures for Nuclear Power Plants (Other than Reactor Vessels and Containments),” and Regulatory Guide 1.199, “Anchoring Components and Structural Supports in Concrete.”

As a member of ACI for more than 24 years, Graves is a member of ACI Committees 349, Concrete Nuclear Structures, and 355, Anchorage to Concrete. He has also contributed to various ACI publications as an author and technical reviewer, and is the Chair of Subcommittee C of ACI Committee 349. In addition, he is a member of the American Society of Mechanical Engineers, Section XI, “Working Group on Containment.”

Graves received his Bachelor of Science degree in civil engineering in 1975, followed by his master’s degree in structural engineering in 1980,

from Howard University. He is a registered Professional Engineer in Washington, DC.

John C. Hukey is a Technical Service Specialist for Dayton Superior in the chemical and cement products group in Kansas City, KS, and has been active in the construction industry for 45 years.

He is a Charter Member and Past President of the ACI Eastern NY Chapter and is active in the ACI Kansas Chapter, having served on its Board of Direction. He is a member of ACI Committees 302, Construction of Concrete Floors; 546, Repair of Concrete; E703, Concrete Construction Practices; and is Secretary of Committee 308, Curing Concrete. He previously served on the Marketing Committee, Centennial Task Group, and Convention Committee and is a former Chair of the Hot-Topic Committee. He is a current member of ASTM International and is active on several committees.

Hukey received his Associate in Applied Sciences degree in building construction and engineering from Hudson Valley Community College, Troy, NY, in 1963.

Tarek S. Khan is an Area Manager for BASF Construction Chemicals based in Sacramento, CA. He has worked for BASF (formerly Master Builders, Inc.) for 12 years. He has authored, coauthored, and edited over 20 papers on concrete, concrete-making materials, concrete construction, testing concrete, and safety/environmental management for the concrete and aggregates industries.

Khan is a member of ACI Committees 304, Measuring, Mixing, Transporting, and Placing Concrete; 332, Residential Concrete Work; C610, Field Technician Certification; C620, Laboratory Technician Certification; E601, Seminar Oversight; E701, Materials for Concrete Construction; and the Membership Committee. He is a past member of the ACI Marketing Committee and ACI Committee 211, Proportioning Concrete Mixtures.

Khan's research interests include materials, education, certification, and concrete construction. He was a co-recipient of the Sanford E. Thompson Award in 1987 and is a member of the American Society of Civil Engineers (ASCE).

He received his BS in civil engineering from the University of Maryland, College Park, MD, in 1981.

Venkatesh Kodur is a Professor in the Department of Civil and Environmental Engineering at Michigan State University. He has a broad-based expertise in structural, material, and fire areas, and has earned significant recognition for his research and development activities in

structural fire safety. He has published over 200 technical papers, trained a number of graduate students in concrete research, and has developed fire safety design guidelines for incorporation in codes and standards. Kodur's research has advanced the state of the art in the areas of structural fire engineering, high-performance concrete, and FRP systems. He has contributed to ACI's publications as an author, reviewer, and as a member of ACI-TMS Committee 216, Fire Resistance and Fire Protection of Structures, that produced ACI 216.1-07, "Code Requirements for Determining Fire Resistance of Concrete and Masonry Construction Assemblies."

He is the Chair of ACI-TMS Committee 216, and a member of ACI Committees 440, Fiber Reinforced Polymer Reinforcement, and 544, Fiber Reinforced Concrete. He is also a Fellow of the American Society of Civil Engineers (ASCE), an Associate Editor of the *Journal of Structural Engineering*, and Past Chair of ASCE Committee on Structural Fire Protection. He has won many awards and honors and was part of the ASCE/FEMA Building Performance Assessment Team for the World Trade Center disaster investigation.

Kodur's research interests include the evaluation of fire resistance of structural systems through large-scale fire experiments and numerical modeling, characterization of the materials under high temperature (constitutive modeling), performance-based fire safety design of structures, and nonlinear design and analysis of structural systems.

Kodur received his BE in civil engineering from Bangalore University, India, in 1985 and his MS and PhD in structural engineering from Queen's University, Canada, in 1988 and 1992, respectively. He is a registered Professional Engineer in Ontario, Canada.

Jacques Marchand is a Professor in the Department of Civil Engineering at Laval University, Quebec City, Canada. He is also Director of the Canadian Foundation for Innovation (CFI) Laboratory on Infrastructure Durability. He holds the Canada Research Chair on Predicting Useful Life of Concrete Infrastructure and the Industrial Research Chair on Durable Repair and Optimized Maintenance of Concrete Infrastructure funded by the Natural Science and Engineering Research Council of Canada (NSERC). He has authored or coauthored over 200 technical papers and reports.

Marchand is a member of ACI Committee 236, Material Science of Concrete, and the Strategic Development Council. He is also a member of the American Society of Civil Engineers (ASCE) and ASTM International.

His research interests include durability of concrete and prediction of the useful life of concrete infrastructure.

He received his BS and MS in civil engineering from Laval University (Canada) in 1986 and 1989, respectively, and his PhD in civil engineering from École Nationale des Ponts et Chausses (National School of Roads and Bridges), Paris, France, in 1993. He is a registered Professional Engineer in the province of Québec.

John S. Popovics is an Associate Professor in the Department of Civil and Environmental Engineering at the University of Illinois at Urbana-Champaign. Prior to this, he held academic/research positions at The German Federal Institute for Materials Research and Testing (BAM) in Berlin in 2001; Drexel University in Philadelphia, PA, from 1998 to 2001; and Northwestern University in Evanston, IL, from 1995 to 1998.

Popovics is a member of ACI Committees 123, Research and Current Developments; 215, Fatigue of Concrete; 228, Nondestructive Testing of Concrete; 444, Experimental Analysis of Concrete Structures; and the Publications Committee. He has authored over 40 peer-reviewed papers in technical journals. He is also a member of the American Society of Civil Engineers (ASCE), where he serves as an Associate Editor for the ASCE *Journal of Materials in Civil Engineering*.

His research interests include nondestructive testing, imaging, and sensing for concrete structures, and corrosion of steel in concrete.

He received his BS and MS in civil engineering from Drexel University, Philadelphia, PA, in 1988 and 1990, respectively, and his PhD in engineering science and mechanics from Pennsylvania State University, University Park, PA, in 1994. He is a registered Professional Engineer in Pennsylvania.

Caijun Shi is a Principal at CJS Technology and a Professor in the School of Civil Engineering and Architecture, Central South University, Changsha, China. He has authored or coauthored over 110 technical papers and six books.

He is a member of ACI Committees 232, Fly Ash and Natural Pozzolans in Concrete; 233, Ground Slag in Concrete; 236, Material Science of Concrete; and 523, Cellular Concrete. He is also Fellow of the International Energy Foundation, a member of ASTM International, and a Senior Member of RILEM.

His research interests include characterization and use of industrial by-products and wastes, high-performance concrete, durability of concrete, and waste management.

He received his BEng and MEng in building materials from Southeast University, Nanjing, China, in 1984 and 1987, respectively, and his PhD in civil engineering materials science from the University of Calgary in 1993. He is a registered Professional Engineer in Ontario, Canada.

Carol K. Shield is a Professor in the Department of Civil Engineering at the University of Minnesota, Minneapolis, MN, where she has been since 1991. She teaches classes in design of reinforced concrete structures and design and behavior of prestressed concrete structures.

Shield is the Secretary of ACI Committee 440, Fiber Reinforced Polymer Reinforcement, and is a member of ACI ITG-5, Precast Shear Walls for High Seismic Applications, and the Nominating Committee. She was Chair of the Seventh International Symposium on Fiber Reinforced Polymer Reinforcement for Concrete Structures (FRPRCS-7). She is a memberof the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI). In 2000, she received the ASCE Norman Medal.

Her research interests include the use of fiber-reinforced polymers in civil engineering applications, behavior of prestressed concrete members, and the development of methods of seismic simulation.

She received her BS in engineering and BA in mathematics from Swarthmore College, Swarthmore, PA, in 1984; her MS in mechanical engineering from Rensselear Polytechnic Institute, Troy, NY, in 1986; and her PhD in theoretical and applied mechanics from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1991. She is a registered Professional Engineer in Minnesota.

David J. Stevens is a Senior Principal with Protection Engineering Consultants, LLC (PEC), in Spring Branch, TX. Previously, he worked at the Southwest Research Institute and Applied Research Associates. He has over 20 years of experience in designing, analyzing, and testing reinforced concrete structures subjected to blast and impact loads. Stevens has authored or coauthored over 50 technical papers and reports.

He is a member of ACI Committees 370, Short Duration Dynamic and Vibratory Load Effects; 444, Experimental Analysis for Concrete Structures; and 544, Fiber Reinforced Concrete. He was Secretary of ACI Committee 370 from 1991 to 1999. He was also a member and Chair of the Structural Research Subcommittee of the Committee on Awards and has served on the Journal Oversight Team. He is also a member of the American Society of Civil Engineers (ASCE) and served as an Associate Editor for the *Journal of Structural Engineering* from 1995 to 1999.

Stevens' research interests include the response of conventional and hardened reinforced concrete structures subjected to explosive detonations, from contact to large standoffs.

He received a BA in physics from Hope College, Holland, MI, in 1980; a BS and an MS in civil engineering from Clemson University in 1981 and

1983, respectively; and a PhD in civil engineering from the University of Minnesota in 1988. He is a registered Professional Engineer in Texas.

Yasuhiko Yamamoto is Professor Emeritus at the University of Tsukuba, Ibaraki, Japan. He retired from the university in 2007 after serving on its faculty for 27 years. Before joining the university, he also taught courses and conducted research for 4 years at Hosei University, Tokyo, Japan, and for an additional 2 years at the Asian Institute of Technology, Bangkok, Thailand, as an Associate Professor seconded by the Japan International Cooperation Agency.

He has been a member of ACI for over 30 years and received the ACI Wason Medal for Materials Research in 1984. He has made efforts to enhance the relationships between ACI and the Japan Concrete Institute (JCI), serving as a member of International Committees of both institutions and the ACI International Relationships Committee and as Vice President of JCI. He was the Organizing Committee Chair of the JCI Tsukuba Convention held in 2002 at which an ACI Special Session was organized. He was a co-moderator and a speaker at the JCI Session at the ACI San Francisco Convention in 2004.

His research interests include risk management of concrete construction, maintenance of concrete structures, and freezing-and-thawing resistance of concrete.

Yamamoto received his BS in civil engineering from Yamanashi University, Yamanashi, in 1966, and his MS and DS degrees in civil engineering from the University of Tokyo in 1968 and 1974, respectively. He also received his PhD in civil engineering from Purdue University, West Lafayette, IN, in 1972. He is a registered Professional Engineer in Japan.

Dan G. Zollinger is a Professor in the Zachry Department of Civil Engineering at Texas A&M University, College Station, TX. He has researched and practiced in the areas of concrete pavement design and construction for over 25 years and has authored or coauthored over 100 technical papers and reports.

He is a member of ACI Committee 325, Concrete Pavements, and played a key role in the development of ACI 325.12R-02, “Guide for Design of Jointed Concrete Pavements for Streets and Local Roads.” He is also a member of the American Society of Civil Engineers (ASCE). He has served on several committees for the Transportation Research Board (TRB) and is currently the President of the International Society for Concrete Pavements (ISCP).

His research interests include concrete pavement design, behavior, reliability, and performance as well as the mechanical, physical, and chemical characterization of concrete materials to include fracture and transport mechanics. He has been involved in the development of a variety of test procedures for concrete materials and is a coholder of Patent 09/884,264 “Characterization of Concrete Materials Using Dilatometry.”

He received his BS and MS in civil engineering from Utah State University, Logan, UT, in 1977 and 1981, respectively, and his PhD in civil engineering from the University of Illinois, Champaign-Urbana, IL, in 1989. He is a registered Professional Engineer in Texas and California.

ARTHUR R. ANDERSON AWARD

ACI Fellow **Nicholas J. Carino** is a Concrete Materials Consultant in Gaithersburg, MD. In 2004, he retired from the National Institute of Standards and Technology (NIST) after 25 years of service as a Research Structural Engineer. Before joining NIST in 1979, he was an Assistant Professor at the University of Texas at Austin, Austin, TX, where he taught courses in materials science, engineering mechanics, and design. He is well known for the initial research on the impact-echo method and for his contributions to the maturity method, both of which were adopted as ASTM International standards.

He is Chair of ACI Committee 301-A, General Requirements, Definitions, and Tolerances; and a member of ACI Committees 228, Nondestructive Testing of Concrete; 301, Specifications for Concrete; 318-A, General, Concrete, and Construction; 437, Strength Evaluation of Existing Concrete Structures; the TAC Technology Transfer Committee; the TAC Specifications Committee; ITG7; and ITG8. He is Past Chair of the TAC Technology Transfer Committee and ACI Committees 228, Nondestructive Testing of Concrete, and 306, Cold Weather Concreting. He is a member of ASTM International and served as Chair of Committee C09. Carino received the ACI Delmar L. Bloem Distinguished Service Award in 1993; the ACI Wason Medal for Materials Research in 1986, 1991, 1994, and 2004; and the ACI Foundation Concrete Research Council Robert E. Philleo Award in 2004. In 2002, he received the ASTM International Award of Merit and the title of Fellow of ASTM International. In 2006, he received the Frank E. Richart Award from ASTM International Committee C09.

His research interests include nondestructive test methods, high-strength concrete, and failure investigations.

He received his MS and PhD in structural engineering from Cornell University, Ithaca, NY.

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

D. Thomas Ruttura is the President of Ruttura & Sons Construction Co., Inc., West Babylon, NY. He served in the U.S. Navy from 1967 to 1971. He entered the United States Naval Reserve in 1971 and completed his reserve time in 1983. Today his firm is nationally recognized and is one of the largest concrete contractors in New York City and Long Island. His firm was the first in New York to use the laser screed, European forming systems, and laser-guided and GPS-guided bulldozers for accurate grading.

He is a member of ACI, the Concrete Industry Board, the American Concrete Paving Association, and the American Concrete Pumping Association. He served as President of the American Society of Concrete Contractors (ASCC) from 2002 to 2004. He is Chairman of ASCC's Education Research and Development Foundation Committee and served as President of the Association of Concrete Contractors of New York, Inc.

JOE W. KELLY AWARD

Sami Hanna Rizkalla is the Distinguished Professor of Civil Engineering and Construction and the Director of the Constructed Facilities Laboratory at North Carolina State University, Raleigh, NC. He is also the Director of the National Science Foundation Industry/University Cooperative Research Center on Repair of Buildings and Bridges with Composites at North Carolina State University. He has authored and coauthored over 300 technical papers and reports.

Rizkalla has been an ACI member since 1972, and a Fellow of ACI since 1993. He is a Past Chair of ACI Committee 440, Fiber Reinforced Polymer Reinforcement, and is a member of ACI Committee 118, Use of Computers; the Chapter Activities Committee; and Joint ACI-ASCE Committees 423, Prestressed Concrete, and 550, Precast Concrete Structures. He has been instrumental in the creation of several ACI special publications and committee reports. Rizkalla received the ACI Delmar L. Bloem Award in 2004. He is a Fellow of the American Society of Civil Engineers (ASCE), a Fellow of the Canadian Society for Civil Engineering, a Fellow of the International Institute for FRP in Construction, and a Fellow of the Engineering Institute of Canada. He is a professional member of the Precast/Prestressed Concrete Institute (PCI) and received PCI's Harry H. Edwards Industry Advancement Award in 1998 and the Martin P. Korn Award in 2007.

His research interests include the use of fiber-reinforced polymers as reinforcement, prestressing and strengthening of concrete structures,

high-performance steel reinforcement, and high-strength concrete.

He received his BS from Alexandria University, Egypt, in 1965 and his MS and PhD in civil engineering from North Carolina State University in 1974 and 1976, respectively.

HENRY L. KENNEDY AWARD

Luke M. Snell is the Director of the Concrete Industry Management program in the Del E. Webb School of Construction at Arizona State University. He has done extensive consulting work on construction and concrete problems throughout the U.S., Saudi Arabia, Mongolia, and Algeria. He has also written over 200 articles on concrete, construction materials, and construction education.

Snell is the Chair of the ACI International Committee and ACI Committee 120, History of Concrete. He is or has been a member of ACI Committees 517, Accelerated Curing of Concrete (discharged); E702, Designing Concrete Structures; the Construction Liaison Committee; Financial Activities Committee; and the Chapter Activities Committee. He is a Past Chair of ACI Committees 517, Accelerated Curing of Concrete; E702, Designing Concrete Structures; the ACI Chapter Activities Committee; and the Educational Activities Committee. He is also a past member of the Board of Direction. Snell is an ACI Fellow and received the ACI Joe W. Kelly Award in 1995, the ACI Chapter Activities Award in 1997, and was the ACI Educational Committee Member of the Year in 2002. He has received various other awards and was named one of the Ten Most Influential People of the Year in the Concrete Industry by *Concrete Construction* and *Concrete Producer* magazines in 2007.

His research interests include construction materials and concrete construction.

Snell received his BS and MS in civil engineering from Oklahoma University in 1969 and 1970, respectively. He is a licensed Professional Engineer in Missouri, Illinois, and Arizona.

ALFRED E. LINDAU AWARD

James K. Wight is the F.E. Richart, Jr. Collegiate Professor of Civil Engineering at the University of Michigan, Ann Arbor, MI. He has been a Professor at the University of Michigan for 34 years.

He is a member and Past Chair of ACI Committee 318, Structural Concrete Building Code, and the Technical Activities Committee and is a member of Joint ACI-ASCE Committees 352, Joints and Connections in Monolithic Concrete Structures, and 445, Shear and Torsion. He became

a Fellow of ACI in 1984 and won the Delmar L. Bloem Award in 1991, the Joe W. Kelly Award in 1999, the Arthur Moy Award from the ACI Michigan Chapter in 2000, the Arthur J. Boase Award in 2002, and the Structural Research Award in 2003. He is also a Fellow of the American Society of Civil Engineers (ASCE).

His research interests include the earthquake-resistant design of reinforced concrete structures and the design of concrete structures using high-performance fiber-reinforced concrete.

He received his BS and MS from Michigan State University, East Lansing, MI, in 1969 and 1970, respectively, and his PhD from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1973. He is a licensed Professional Engineer in Michigan.

HENRY C. TURNER MEDAL

Per Fidjestol is Leader of the Global Business Team Concrete for Elkem Materials of Kristiansand, Norway, the leading supplier of silica fume. He has been with the company for 20 years and has authored more than 50 papers on silica fume and high-performance concrete.

Fidjestol is a Past Chair of ACI Committee 234, Silica Fume in Concrete, and the International Activities Committee and is a member of ACI Committees 201, Durability of Concrete; 213, Lightweight Aggregate and Concrete; 222, Corrosion of Metals in Concrete; 232, Fly Ash and Natural Pozzolans in Concrete; 234, Silica Fume in Concrete; 237, Self-Consolidating Concrete; 357, Offshore and Marine Concrete Structures; 363, High-Strength Concrete; 365, Service Life Prediction; 376, Concrete Structures for Refrigerated Liquified Gas Containment; 506, Shotcreting; 552, Geotechnical Cement Grouting; the ACI Board Advisory Committee on Sustainable Development; the International Partnerships Committee; and the International Publications/Website Committee. In 2002, he received the ACI Arthur R. Anderson Award for his contributions to the fields of high-performance concrete and durability of concrete. He was named a Fellow of ACI in 1993. Fidjestol is former President of the Norwegian Concrete Association.

In 1973, he received his MSc in civil engineering from the Norwegian University of Technology, Trondheim, Norway.

CHARLES S. WHITNEY MEDAL

For more than 80 years, **Granite Construction Company** has been a leader in concrete innovations. Granite Construction Company has a reputation for partnering with all stakeholders—joint-venture associates, owner-agencies, and the public—to bring unique projects to life in ways that serve the local community and the needs of the agencies involved.

Granite Construction Company's strength is founded, in part, upon the dedication of its 7500 employees who strive to maintain the company's commitment to achieving excellence on the job and in their local communities. Their workforce is one of the most stable in the construction and design industry, averaging 14 years of service per employee.

Granite has an extensive history of successful projects where concrete doubles as both an essential structural material and a unique element of design: The Woodrow Wilson Bridge in Virginia; the replacement of the Hurricane Katrina-damaged Mississippi River Bridge in St. Francisville, LA; the American Society of Civil Engineers' 2002 Opal Award-winning I-15 Reconstruction in Salt Lake City, UT; and the 2004 ACI Las Vegas Chapter Excellence in Concrete Award for the Las Vegas Monorail project in Las Vegas, NV, are a few examples. They have been consistently ranked by *Engineering News-Record* (*ENR*) in the Top 400 Contractors and *ENR*'s Largest General Contractor in 2005. Granite has also ranked in the prestigious Fortune's 100 Greatest Places to Work for the last 5 years.

ACI CERTIFICATION AWARD

Stephen W. Campbell is the Laboratory Manager and Special Inspector Supervisor for Christian Wheeler Engineering in San Diego, CA. He is also an instructor for San Diego State University College of Extended Studies' Construction Inspection Technology Certification program. He has been employed in the testing and inspection industry for the past 30 years.

Campbell received Appreciation Awards from the ACI San Diego International Chapter in 1988 and 2007 for his dedication to ACI Certification programs. He was President of the ACI San Diego International Chapter in 1992, and is Chair of the chapter's certification sponsoring group. He has been the lead "Field Tech I" instructor for the San Diego chapter since 1986 and has conducted over 175 training sessions in the last 21 years.

His research interests include building code review and testing structural materials.

Campbell received an Associate in Science degree for construction inspection in 1977 from Southwestern College, Chula Vista, CA. He is a certified Special Inspector in the city and county of San Diego, CA.

Award Recipient Biographies

William F. Rossi is a semi-retired Civil Engineer and President of W.F. Rossi Concrete Consulting, Inc., in Evergreen, CO. He has been involved in the concrete business for 47 years and has been employed as a Sales Engineer, Edward Campbell Co., Vineland, NJ; Sales Engineer, Fountain Sand and Gravel Company, Pueblo, CO; Sales and Technical Engineer, Ideal Basic Industries, Cement Division, Denver, CO; Vice President of Operations, Mays Precast, Inc., Grand Junction, CO; Senior Technical Service Consultant, Walt Flannigan Concrete Company, Denver, CO; and Senior Technical Service Manager, Dacatoh Cement Company, Western Division, Denver, CO.

A member of ACI since 1988, he was elected a Fellow in 2003. He is a member of and certification instructor for ACI Committees C610, Field Technician Certification (Past Chair); C630, Construction Inspector Certification; C631, Concrete Transportation Construction Inspector Certification; and C640, Craftsman Certification. Rossi received the ACI Dakota Chapter Lifetime Achievement Award in 2004, the ACI Rocky Mountain Chapter J. Robert Florey Award in 2002, and a 20-Year Recognition for Outstanding Participation in Certification Programs from ACI in 2001. In 1980, he qualified as an expert witness in the area of concrete technology for the law firm of Holland and Hart in Denver, CO.

Rossi received his BS in civil engineering from Drexel University, Philadelphia, PA, in 1960.

J. Edward Sauter is a licensed Architect and a Partner with Sauter Baty Associates in Mount Vernon, IA. He practiced architecture from 1972 to 1986 before becoming CEO of Composite Technologies Corporation, a concrete insulated sandwich wall system manufacturer, from 1986 to 1992. Sauter has been Executive Director of the Tilt-Up Concrete Association since 1992 and the Concrete Foundations Association since 1993.

Sauter is Secretary of ACI Committee C650, Tilt-Up Constructor Certification; is a member of ACI Committee 551, Tilt-Up Concrete Construction; and is Past Chair of ACI Committees 332, Residential Concrete Work, and C650 Tilt-Up Constructor Certification. He is also a past member of the ACI Marketing Committee. In 2005, he received the ACI Delmar L. Bloem Distinguished Service Award. Sauter has presented seminars on energy efficiency, tilt-up construction, concrete fundamentals, concrete housing, and a host of other subjects at meetings, conventions, and many other venues. He provided preparatory instruction and administered certification exams to over 1000 candidates for the tilt-up certification program and has written over 50 articles on various aspects of concrete and tilt-up construction.

Sauter attended Loras College in Dubuque, IA, from 1966 to 1967 and Iowa State University in Ames, IA, from 1967 to 1972, where he received his Bachelor of Architecture degree.

ACI DISTINGUISHED ACHIEVEMENT AWARD

The **California Nevada Cement Association (CNCA)** is one of 10 Regional Promotion Groups serving the U.S. Over the past two decades, the association has been dedicated to expanding the use of portland cement-based products throughout California and Nevada. CNCA has been committed to providing educational programs and technical assistance to equip decision-makers with the right tools and knowledge to design and construct projects of quality. As a result, each year CNCA's three staff consistently respond to hundreds of requests, provide dozens of seminars, and are instrumental in converting many projects to concrete.

These achievements are accomplished with a great deal of collaboration. CNCA is an integral part of the Pacific Southwest Concrete Alliance. The Alliance coordinates educational efforts and shares a common website that is best known as a resource on pervious concrete.

CNCA is also involved in technical and political activities. CNCA successfully obtained amendments to the International Building Code in California to protect life safety and market share of noncombustible building materials by coordinating the California Fire Safety Advisory Council. CNCA's Technical Group is also deeply involved in the specification process with state departments of transportation with recent focus on blended cements to reduce greenhouse gas emissions.

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

JoAnn Browning is an Associate Professor in the Department of Civil, Environmental, and Architectural Enigneering at the University of Kansas, Lawrence, KS.

She is Chair of ACI Committee 314, Simplified Design of Concrete Buildings, and also serves on ACI Committees 318-D, Flexure and Axial Loads; Beams, Slabs, and Columns; 341, Earthquake-Resistant Concrete Bridges; 374, Performance-Based Seismic Design of Concrete Buildings; 408, Bond and Development of Reinforcement; and the ACI Publications Committee. In addition, she serves on the Board of the ACI Kansas Chapter.

Her research interests include seismic performance of concrete building and bridge systems and durability of concrete bridge decks.

Browning received her BS and MS in civil engineering from the University

of Kentucky, Lexington, KY, in 1994 and 1995, respectively, and her PhD in civil engineering from Purdue University, West Lafayette, IN, in 1998. She is a licensed Professional Engineer in Kansas.

Matthew Offenberg is a Technical Services Manager for W.R. Grace in the southeastern region of the U.S. He has more than 10 years of experience as a civil engineer within the concrete industry.

Offenberg is Chair of ACI Committee 522, Pervious Concrete, and is Secretary of ACI Committee 330, Concrete Parking Lots and Site Paving. In 2007, he received the ACI Wason Medal for Most Meritorious Paper. As an internationally recognized expert in the field of pervious concrete, he is often invited to speak worldwide on this sustainable paving technology.

He received his undergraduate and graduate degrees from Purdue University, West Lafayette, IN. He is a licensed Professional Engineer in Florida and Arizona.

Michelle Lee Wilson is Manager of the Education and Product Development Departments at the Portland Cement Association (PCA), Skokie, IL. She is responsible for the development and content of PCA's educational programs and technical literature covering the entire spectrum of concrete technology and cement manufacturing. She has given numerous workshops and presentations around North America on concrete materials, construction, inspection, troubleshooting, and repair, including seminars at World of Concrete and CONEXPO-CON/AGG. Before joining PCA in 1999, she worked for Construction Technology Laboratories, a PCA subsidiary, specializing in concrete evaluation and troubleshooting on various projects throughout the U.S. Prior to that, she worked as a field inspector, performing quality control for STS Consultants, Ltd., Milwaukee, WI.

Wilson is Chair of ACI Committee 301D, Lightweight and Massive Concrete, and serves on ACI Committees 201, Durability of Concrete; 301, Specifications for Concrete; and 311, Inspection of Concrete.

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

WASON MEDAL FOR MOST MERITORIOUS PAPER

Mete A. Sozen has been the Kettelhut Distinguished Professor of Structural Engineering, Purdue University, West Lafayette, IN, for the past 14 years. He previously taught at the University of Illinois, Urbana, IL, for 37 years.

He received the ACI Joe W. Kelly Award in 1975, the ACI Alfred E. Lindau Award in 1993, was the Phil M. Ferguson Lecturer in 1995, and the Hardy Cross Lecturer in 2007. He is an Honorary Member of the American Society of Civil Engineers (ASCE).

Sozen is a member of the ACI Commemorative Lecture Series Board Committee and previously served on the Board of Direction. He is a past member of ACI Committees 318, Structural Concrete Building Code; 318-C, Safety, Serviceability, and Analysis; 318-H, Seismic Provisions; and the ACI Technical Activities Committee.

His research interests include the behavior of building, transportation, and hydraulic structures subjected to static and dynamic loads.

He received his BS in civil engineering from Robert College, Istanbul, Turkey, in 1951; his MS in civil engineering from the University of Illinois, Urbana, IL, in 1952; and his PhD in civil engineering from the University of Illinois in 1956.

ACI CONSTRUCTION AWARD

Rachel J. Detwiler is an Associate Principal and Senior Materials Engineer at Braun Intertec Corp., where she provides consulting and troubleshooting services in concrete and concrete materials. Before joining Braun Intertec in 2004, she was a Principal Engineer at Construction Technology Laboratories in Skokie, IL, where she conducted research and forensic investigations in the areas of concrete and concrete materials. From 1990 to 1993, she was an Assistant Professor at the University of Toronto, Toronto, ON, Canada.

A Fellow of ACI, she is Chair of ACI Committee 234, Silica Fume in Concrete, and a member of ACI Committee 201, Durability of Concrete, and the Publications Committee. She is a Past Chair of ACI Committee 227, Radioactive and Hazardous Waste Management (discharged), and a past member of ACI Committee 231, Properties of Concrete at Early Ages. She has served on three committees of the National Academy of Sciences, providing specialized expertise to the U.S. government on the cleanup of radioactive wastes remaining from the Manhattan Project and the Cold War.

Her research interests include concrete durability, transport properties, forensics, supplementary cementitious materials, and test methods.

Detwiler received her BS, MS, and PhD from the University of California at Berkeley in 1981, 1982, and 1988, respectively. She spent the year following her PhD as a Postdoctoral Fellow at the University of Trondheim, Trondheim, Norway. She is a licensed Professional Engineer in Minnesota, Wisconsin, Illinois, North Dakota, and Hawaii.

Terry E. Swor is a Founder and Principal of American Engineering Testing, Inc., St. Paul, MN. He was instrumental in instituting an internal quality assurance/control system at his firm, which culminated in the accreditation of the laboratory in accordance with ISO/IEC Standard 17025, General Requirements for the Competence of Testing and Calibration Laboratories. He is also a Founder, Past President, Editor, and Board Member of the Minnesota Concrete Council. He has served as a National Board Member of the American Institute of Professional Geologists as well as President and Board Member of the MN-WI Chapter of the same organization.

He has authored or coauthored technical articles on moisture conditions in concrete slabs, concrete aggregates, concrete sealers, and resilient modulus and rutting characteristics of densely graded base as well as lectured on these and other concrete topics.

His research interests include petrographic analysis of aggregates and concrete as well as the design and use of alternate cementitious materials in high-performance/sustainable concrete.

He received his BS in geology from the University of Minnesota in Duluth in 1966 and is licensed in Minnesota and Wisconsin.

Wendy L. Thomas is the Director of Data Access in the Minnesota Population Center located at the University of Minnesota-Twin Cities, Minneapolis, MN. She has been providing data and statistical support services through her position and as an independent consultant for the past 17 years, working for agencies such as the Federal Reserve Bank, New York City Board of Education, Minnesota State Department of Employment and Economic Development, the Federal Aviation Administration, and numerous private and nonprofit organizations.

Her research interests include the development of standards for data description, the preservation and presentation of statistical materials, and statistical literacy.

She received her BA in international relations and Middle Eastern studies in 1978, her MA in library science in 1985, and her MBA in marketing research in 1986, all from the University of Minnesota.

WASON MEDAL FOR MATERIALS RESEARCH

L. Javier Malvar has been a Research Civil Engineer with the Naval Facilities Engineering Service Center in Port Hueneme, CA, since 1995. He is the Naval Facilities Engineering Command Subject Matter Expert for Pavement Design and the Capability Area Coordinator for Blast Mitigation. He previously worked as a Research Engineer for the University of California, Los Angeles and Davis campuses, and as a Consultant for the firm of Karagozian and Case Structural Engineers in support of the Defense Threat Reduction Agency and Sandia National Laboratory. He has also been a Consultant on blast mitigation for Lawrence Livermore National Laboratory and the Bureau of Reclamation.

An ACI member since 1984, he is a member of ACI Committee 440, Fiber Reinforced Polymer Reinforcement, and is on the American Society of Civil Engineers (ASCE) Editorial Board of the *Journal of Composites for Construction*. He has been an ASCE member since 1983 and has served on the Committees on Methods of Analysis and on Inelastic Behavior.

In 1998, he was selected Engineer of the Year, Naval Facilities Engineering Service Center, for his work on airfield pavements. In 1999, he was Engineer of the Year, Naval Facilities Engineering Command, Washington, DC, and was selected as one of the Top 10 Federal Engineers by the National Society of Professional Engineers. In 2007, he received the ACI Design Award.

He received his MS in structural engineering from the Polytechnic University of Madrid, Spain, in 1980; his MBA from California Lutheran University, Thousand Oaks, CA, in 1991; and his MS and PhD in civil engineering from the University of California, Los Angeles, in 1982 and 1984, respectively. He is a licensed Professional Civil Engineer in California.

Lary R. Lenke is a Senior Research Engineer in the Department of Civil Engineering at the University of New Mexico, Albuquerque, NM. He has authored or coauthored approximately 45 technical papers and reports during his 30-year research career. He has also taught classes in civil engineering materials and mechanics of materials during his tenure in civil engineering at the University of New Mexico.

He is a member of ACI and a member of the ACI New Mexico Chapter. He is also a member of the American Society of Civil Engineers (ASCE) and ASTM International.

Lenke's research interests include aggregate reactivity in portland cement concrete (specifically alkali-silica reactivity), high-performance concrete, high pressure testing of civil engineering materials (soil,

concrete, and syntactic foam), compaction control of highway materials (subgrade, subbase, base, and hot mixture asphalt), pavement surface characterization, and pavement evaluation.

Lenke received his BS in transportation engineering from California Polytechnic State University in San Luis Obispo, CA, in 1977 and his MS in civil engineering from the University of New Mexico in 1985. He has also pursued additional post-master's degree education at the University of Colorado, Boulder, CO, and at the University of New Mexico. He has been a licensed Professional Engineer in the State of New Mexico since 1981.

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

M. Keith Thompson is an Assistant Professor in the Department of Civil and Environmental Engineering at the University of Wisconsin-Platteville.

He is Secretary of ACI Committee 408, Bond and Development, and a member of ACI Committee 439, Steel Reinforcement. He is also a member of the American Society of Civil Engineers (ASCE).

His research interests include development of reinforcement, strut-and-tie modeling, concrete bridges, and civil engineering pedagogy.

He received his BS in civil engineering from North Carolina State University, Raleigh, NC, in 1994, and his MS and PhD in civil engineering from the University of Texas at Austin, Austin, TX, in 1998 and 2002, respectively. He is a licensed Professional Engineer in Pennsylvania.

James O. Jirsa is the Janet S. Cockrell Centennial Chair in Engineering at the University of Texas (UT) at Austin, Austin, TX, and has been on the faculty since 1972. He served as Director of the Ferguson Structural Engineering Laboratory and as Chairman of the Department of Civil Engineering. Prior to joining UT, he was a member of the civil engineering faculty at Rice University and the University of Nebraska.

Jirsa is an ACI Past President and served on the ACI Board of Direction. He is Chair of ACI Committee 318F, New Materials, Products, and Ideas. He is a member of ACI Committees 318, Structural Concrete Building Code, and 369, Seismic Repair and Rehabilitation. He is Past Chair of the ACI International Partnerships Committee; the ACI Technical Activities Committee (TAC); ACI Committee 408, Bond and Development of Reinforcement; and Joint ACI-ASCE Committees 352, Joints and Connections in Monolithic Concrete Structures, and 421, Design of Reinforced Concrete Slabs. He is a past member of the ACI International

Committee. He received the ACI Wason Medal in 1977, the Raymond C. Reese Structural Research Award in 1977 and 1979, the ACI Alfred E. Lindau Award in 1986, the ACI Delmar L. Bloem Award in 1990, the ACI Arthur J. Boase Award in 1993, and the ACI Joe W. Kelly Award in 1997. He is also a member of the American Society of Civil Engineers (ASCE).

His research interests include the behavior and design of reinforced concrete structures, including the anchorage and development of reinforcement, detailing, durability, and rehabilitation of structures in seismic zones.

He received a BS in civil engineering from the University of Nebraska-Lincoln, Lincoln, NE, in 1960, and his MS and PhD from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1962 and 1963, respectively.

John E. Breen is the Nasser I. Al Rashid Chair in Civil Engineering at the University of Texas at Austin, Austin, TX.

An Honorary Member of ACI, he has been widely recognized for his research and development work in structural concrete bridges and buildings. He is a member and Past Chair of ACI Committee 318, Structural Concrete Building Code. He is also a Past Chair of the Technical Activities Committee and the Concrete Columns Committee. He received two ACI Wason Medals for Most Meritorious Paper, two ACI Chester Paul Siess Awards, and the ACI Design Award. He also received numerous ACI personal awards and the prestigious *fib* Freyssinet Medal. He is a Fellow of the American Society of Civil Engineers (ASCE), where his research papers won three Lin Medals and a Croes Medal, and is an Honorary Member of the American Segmental Bridge Institute (ASBI) for his pioneering contributions to segmental bridge technology.

Breen received his BCE in 1953 and his DSc in 2004 from Marquette University, his MSCE in 1957 from the University of Missouri, and his PhD in 1962 from the University of Texas at Austin. He has been a Member of the National Academy of Engineering since 1976 and is a licensed Professional Engineer in Missouri and Texas.

ACI DESIGN AWARD

Steve Ratchye is an Associate at the Los Angeles office of Thornton Tomasetti. He has 10 years of experience as a design structural engineer in California and Britain.

Ratchye is a member of ACI Committees 232, Fly Ash and Natural Pozzolans in Concrete, and 374, Performance-Based Design of Concrete Buildings. In 2001, he received the ACI Structural Engineering Award.

His research interests include pozzolans, seismic design, and architectural finish of concrete.

Ratchye received his BA in philosophy from Harvard University, Cambridge, MA, in 1989, and his MSE in structures and his master's degree in architecture from the University of Texas at Austin, Austin, TX, in 1996 and 1997, respectively. He is a licensed Professional Engineer and Structural Engineer in California.

DELMAR L. BLOEM DISTINGUISHED SERVICE AWARD

Norbert J. Delatte is a Professor in the Department of Civil and Environmental Engineering in the Fenn College of Engineering, Cleveland State University (CSU), Cleveland, OH, and has been on the faculty since 2003. He previously served on the faculty of the United States Military Academy and the University of Alabama at Birmingham.

Delatte is Chair of ACI Committee E803, Faculty Network Coordinating Committee, and is Past Chair of ACI Committee 325, Concrete Pavements. He is also a member of the ACI Advisory Committee for Young Members, and ACI Committees 327, Roller Compacted Concrete Pavements; 330, Parking Lots and Site Paving; 522, Pervious Concrete; and E802, Teaching Methods and Educational Materials. He received the ACI Walter P. Moore, Jr. Faculty Achievement Award in 2003. He has authored or coauthored over 50 technical papers and reports, as well as the book *Concrete Pavement Design, Construction, and Performance* (2007) and the upcoming book *Failure Case Studies in Civil Engineering and Engineering Mechanics* (2008).

His research interests include concrete pavements and overlays, roller-compacted concrete, pervious concrete, high-performance/high-strength concrete, and the use of failure case studies in engineering education.

He received his BS in civil engineering from The Citadel, Charleston, SC, in 1984; his SM (Master's) in civil engineering from the Massachusetts Institute of Technology, Cambridge, MA, in 1986; and his PhD in civil engineering from the University of Texas at Austin, Austin, TX, in 1996. He is a licensed Professional Engineer in Ohio, Alabama, and Virginia.

Chiara F. Ferraris has been a physicist in the Inorganic Building Materials Group of the Materials and Construction Research Division of the National Institute of Standards and Technology (NIST) since January 1994.

An ACI member since 1991 and a Fellow since 2003, Ferraris is Chair of ACI Committee 238, Workability of Fresh Concrete. She is member and Past Chair of ACI Committee 236, Material Science of Concrete, and is a

member of ACI Committees 237, Self-Consolidating Concrete; 309, Consolidation of Concrete; 349, Concrete Nuclear Structures; and 552, Geotechnical Cement Grouting. She is also a member of the International Union of Laboratories and Experts in Construction Materials, Systems and Structures (RILEM) and ASTM International. She is an Associate Editor of the American Society of Civil Engineers (ASCE) *Journal of Materials in Civil Engineering*. She led an International Comparison of Concrete Rheometers, sponsored by the Concrete Research Council of ACI, and led the development of a new approach to determine sulfate resistance in cements, sponsored by the Portland Cement Association (PCA). She also took the lead to provide the cement industry with a reference material for particle size distribution. She has published more than 80 papers.

Her research interests include the rheology of cementitious materials. To predict the rheological performance of concrete, she developed test methods for cement paste and mortar that allow screening of chemical and mineral admixtures.

Ferraris received her MS and PhD from the Swiss Federal Institute of Technology-Lausanne, Lausanne, Switzerland, in 1980 and 1986, respectively.

Satish K. Sachdev, former President and CEO of Klein and Hoffman, Inc., retired in January of 2006, and is currently serving as a Senior Consultant for the firm. Klein and Hoffman, Inc., is a consulting structural engineering firm headquartered in Chicago, IL, with branch offices in Detroit, Philadelphia, New York, and South Florida. He joined the Frank Klein Company in 1969 as a Structural Project Engineer for the design of wastewater engineering projects in Westchester County, NY, and the City of Chicago. In 1976, when the company name changed to Klein and Hoffman, Inc., he was working as a Project Manager for various structural engineering projects for telecommunication and educational facilities. In 1979, Sachdev was promoted to the position of Vice President, responsible for the firm's wastewater projects in Illinois, Indiana, Wisconsin, Michigan, and Florida. He was promoted to Principal, Executive Vice President in 1980 and his added responsibilities included serving as Project Sponsor for wastewater projects and the financial operations of the firm. In 1999, Sachdev was promoted to President and CEO, responsible for the firm's administration, technical oversite of projects, and the financial operations of the firm.

An ACI member for more than 25 years, Sachdev was elected a Fellow in 2007. He is Chair of ACI Committee 350, Environmental Engineering Concrete Structures, and ACI Subcommittee 350-SC, Steering Committee; Vice Chair of several 350 subcommittees; and a member of ACI

Committee 336, Footings, Mats, and Drilled Piers; and the ACI Greater Michigan Chapter.

Sachdev received his BSc in civil engineering from Panjab University at Patiala, India, in 1961, and his MSc in civil structural from the University of Wisconsin at Madison in 1969. He is a licensed Professional Engineer and Structural Engineer in nine states.

CHAPTER ACTIVITIES AWARD—DOMESTIC

Michael Hernandez is a Project Executive with Baker Concrete Construction, Medley, FL, and a student in the Master of Business Administration program at the University of Florida, Gainesville, FL. He has 12 years of experience in commercial construction as a concrete specialty contractor and general contractor.

He serves on ACI Committees 117, Tolerances; 308, Curing Concrete; and E703, Concrete Construction Practices. He is President of the ACI South Florida Chapter.

Hernandez is certified as an ACI Concrete Field Testing Technician—Grade I and an ACI Concrete Flatwork Technician. He is also a member of the American Society of Civil Engineers (ASCE).

He has been involved with such notable construction projects as the concrete structure for the Denver Broncos Stadium in Denver, CO, and the shell for two terminals at Miami International Airport, Miami, FL. In June 2007, he authored an article on placing booms that was published in *Concrete Construction* magazine.

He is an Occupational Safety and Health Administration (OSHA) Construction Outreach Trainer and teaches OSHA 10- and 30-hour courses. In addition, as a National Center for Construction Education and Research (NCCER) Instructor, he teaches supervisor training courses.

He received his bachelor's degree in environmental design from the College of Architecture and Planning and his MS in civil engineering from the School of Civil, Environmental and Architectural Engineering, University of Colorado, Boulder, CO, in 1994 and 1996, respectively.

Hernandez is a licensed general contractor in Florida.

Daniel H. Webber is Engineer of Materials, Materials Engineering Unit of the Construction Management Division, at the Engineering Department of the Port Authority of New York and New Jersey, where he has been employed for 24 years.

He is a member of ACI Committee 308, Curing Concrete. A member of the ACI New Jersey Chapter for 20 years, he has served as a Past

President and Board Member. Both years he served as President, the chapter received Excellent Status. As a Board Member, he chaired the Student Committee and initiated the annual Student Competition between New Jersey colleges. He also chaired the NJACI 30th Anniversary Dinner at the Liberty Science Center. Webber was a member and then Chair of the 37th and 38th New Jersey Annual Concrete Awards Dinners. As Chair, an awards video was adopted and the idea of presenting a concrete statuette—the Rocky—to award winners in lieu of a certificate was implemented. On numerous occasions, he proctored ACI Field Testing Technician—Grade I testing and initiated and hosted an open house to enable students to practice testing procedures. He cochaired the ACI Spring 2005 New York City Convention Committee.

He has degrees from Union County College, Rutgers University, and the New Jersey Institute of Technology.

CHAPTER ACTIVITIES AWARD—INTERNATIONAL

Mostapha A. Vand is Director and CEO of the Concrete Research and Educational Center of Iran, Dean of Moassesseh Amoozesheh Alveh Beton, and cofounder of Vand Construction Chemicals Co.

He is Chair of the International Roundtable Steering Committee for the 2009 roundtable in Cairo, Egypt, and is a member of the ACI International Committee; the ACI International Certification Committee; the ACI Educational Activities Committee; and ACI Committees C660, Shotcrete Nozzleman Certification, and E803, Faculty Network Coordinating Committee. He is a past member of ACI Committee E801, Student Activities. He has been ACI Iran Chapter Secretary since 1994 and was instrumental in reactivating the chapter, which has received the Excellent Chapter Award for the past several years. He is also a member of the American Society of Civil Engineers (ASCE). He has authored and coauthored more than 20 technical papers and reports.

His research interests include self-consolidating concrete and the use of nano materials in high-performance/high-durability concrete.

Vand received his BS and MS in civil engineering from the University of Missouri, Rolla, MO, in 1978 and 1980, respectively.

WALTER P. MOORE, JR. FACULTY ACHIEVEMENT AWARD

Heather J. Brown is Director and Associate Professor for the Concrete Industry Management Program at Middle Tennessee State University, Murfreesboro, TN, where the subjects she teaches include concrete

materials, concrete applications, concrete repair and maintenance, surveying, and concrete construction methods.

Brown is a member of ACI Committee 522, Pervious Concrete. She is a member of the Precast/Prestressed Concrete Institute (PCI) and ASTM International. She has been published in *Concrete International*; the ASTM *Journal of Testing and Evaluation*; *Concrete Producer*; *Civil Engineering*; and the magazines of the American Ceramic Society, the Transportation Research Board, the International Center for Aggregate Research, and the American Society for Engineering Education.

Her research interests include pervious concrete, fiber-reinforced concrete, construction tolerances, and by-product use.

She received her PhD in civil engineering from Tennessee Technological University in 2001.

ACI FOUNDATION CONCRETE RESEARCH COUNCIL ARTHUR J. BOASE AWARD

Jack P. Moehle is a Professor of civil engineering and Director of the Pacific Earthquake Engineering Research Center at the University of California, Berkeley, Berkeley, CA. He has been on the faculty since 1980. An ACI Fellow since 1990, he is a member of ACI Committees 318, Structural Concrete Building Code; 369, Seismic Repair and Rehabilitation; E803, Faculty Network Coordinating Committee; and Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures. He is Chair of ACI Subcommittee 318-H, Seismic Provisions, and a past member of the ACI Technical Activities Committee (TAC). Moehle received the ACI Alfred E. Lindau Award in 1998, the ACI Delmar L. Bloem Distinguished Service Award in 2001, and the ACI Chester Paul Siess Award for Excellence in Structural Research in 2007.

His research interests include structural concrete with emphasis in earthquake engineering applications, seismic design of bridge structures, assessment and rehabilitation of deficient older buildings, collapse simulation, and performance-based seismic design of tall buildings.

He received his BS, MS, and PhD from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1977, 1978, and 1980, respectively.

ACI FOUNDATION CONCRETE RESEARCH COUNCIL ROBERT E. PHILLEO AWARD

Richard Edwin Weyers is the Charles E. Via Jr. Professor in the Department of Civil and Environmental Engineering at Virginia Tech, Blacksburg, VA. He has 5 years of experience in the industry as a consulting

engineer and 28 years in academics as a teacher and researcher.

Weyers has authored 155 technical papers and reports.

An ACI Fellow, Weyers is a member and Past Chair of ACI Committee 345, Concrete Bridge Construction, Maintenance, and Repair, and Past Secretary of ACI Committee 365, Service Life Prediction. He is a member of ACI Committees 222, Corrosion of Metals in Concrete, and 548, Polymers in Concrete.

His research interests include corrosion of reinforcing materials in concrete, service-life modeling, life-cycle cost analysis, maintenance, repair, rehabilitation of bridges and materials, and creep and shrinkage of concrete materials.

He received his BSCE, MSCE, and PhD in civil engineering from Pennsylvania State University, University Park, PA, in 1972, 1974, and 1983, respectively. He is a licensed Professional Engineer in Wisconsin and Pennsylvania.

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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 website, www.concrete.org, or by contacting Diane Pociask at Diane.Pociask@concrete.org