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Cover photo courtesy of Wake Forest University

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David Darwin

HENRY L. KENNEDY AWARD

Jon I. Mullarky

ALFRED E. LINDAU AWARD

Texas Department of Transportation

HENRY C. TURNER MEDAL

Neil M. Hawkins

*deceased

CHARLES S. WHITNEY AWARD
Norwegian University of Science and Technology

CEDRIC WILLSON AWARD
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Tod Williams

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WASON MEDAL FOR MOST MERITORIOUS PAPER
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ACI CONSTRUCTION PRACTICE AWARD
Markus Wernli • George E. Warren • Robert F. Mast

WASON MEDAL FOR MATERIALS RESEARCH
Byung Hwan Oh • Soo Won Cha

ACI STRUCTURAL RESEARCH AWARD
Robert W. Barnes • John W. Grove • Ned H. Burns

ACI DESIGN PRACTICE AWARD
Dimitrios D. Theodorakopoulos • Ramnath Narayan Swamy

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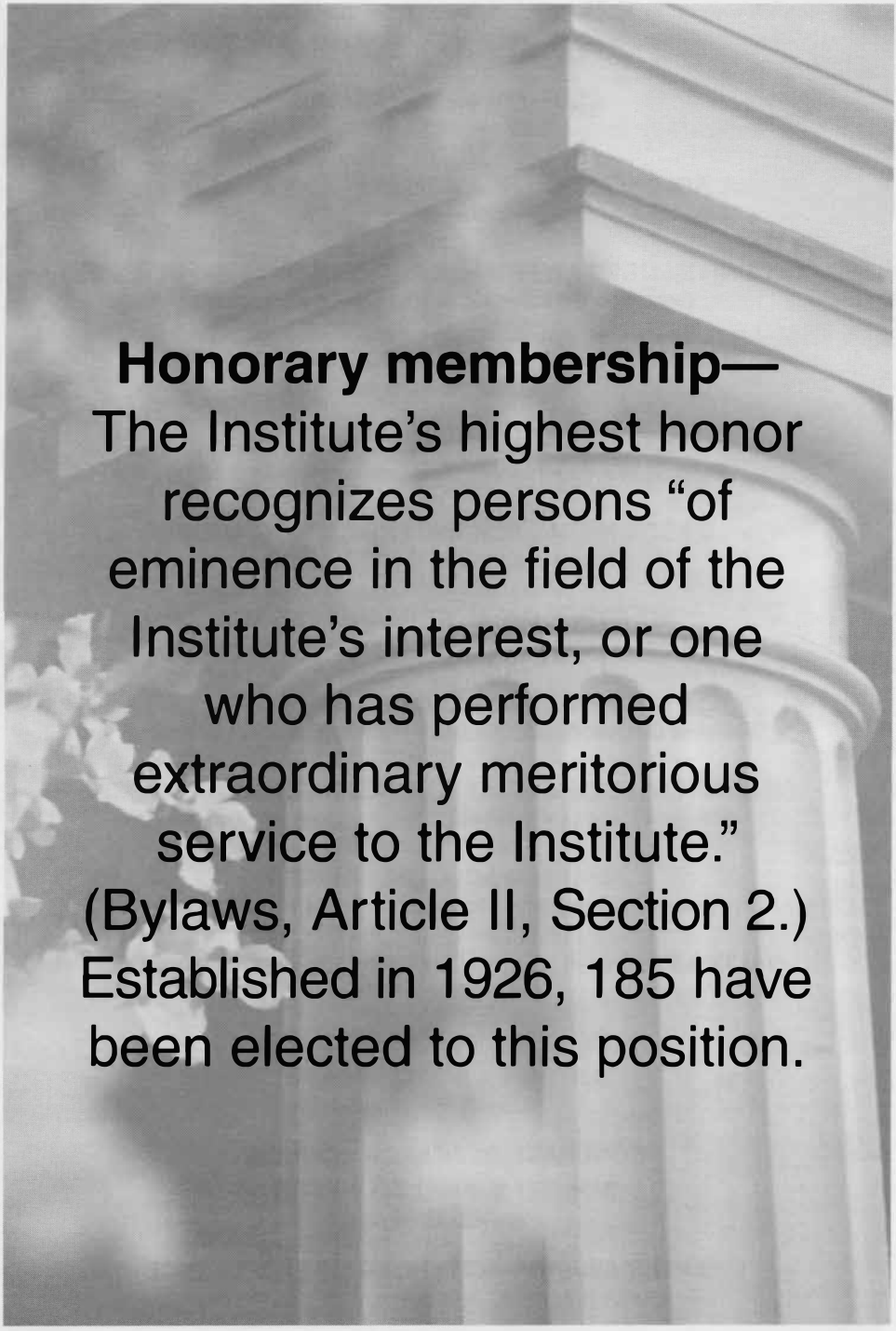
Neil M. Hawkins

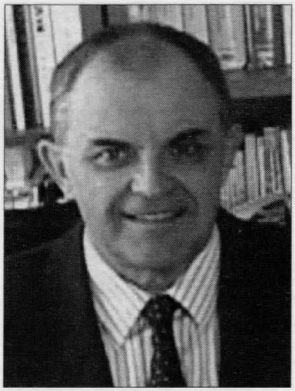
CONCRETE RESEARCH COUNCIL
ROBERT E. PHILLEO AWARD
Kenneth C. Hover

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, 185 have been elected to this position.

"for his influential practical research on new materials and construction technologies related to superplasticizers, silica fume, and sustainability; and for his exemplary contributions to ACI technical committees and chapter activities."



Pierre-Claude Aïtcin

Pierre-Claude Aïtcin is Professor Emeritus in the Department of Civil Engineering of the Faculty of Engineering at the University of Sherbrooke, Sherbrooke, Quebec, Canada.

From July 1990 to April 1998, he was the Scientific Director of Concrete Canada, the Network of Centres of Excellence on High-Performance Concrete, a network of 15 teams of researchers from several Canadian provinces. For nine years, he also held an Industrial Chair on Concrete Technology, a program of the Natural Sciences and Engineering Research Council of Canada (NSERC) in collaboration with 13 industrial partners.

An ACI Fellow since 1988, Aïtcin is a former member of ACI Committees 234, Silica Fume in Concrete, and 363, High-Strength Concrete. He received the ACI Arthur R. Anderson Award in 1995, "in recognition of outstanding laboratory and field research on the composition, structure, and properties of high-performance concrete and on superplasticizers and silica fume," and the ACI Construction Practice Award in 2004. Aïtcin is also a member of the Canadian Academy of Engineering and a Fellow of the Canadian Society of Civil Engineering.

In 1999, he received an award from the Société des ingénieurs civils de France. Also, in conjunction with his colleague Carmel Jolicoeur and the company Handy Chemicals of Candiac, Quebec, he received the 1996 Award for Excellence for the best university-industry partnership in R&D given by the Conference Board of Canada and NSERC.

He is the author of the book *High-Performance Concrete*, which was published in 1998. French and Portuguese volumes were published in 2000 and 2001.

His research interests include the manufacture and use of high-performance and ultra-high-performance concretes and the use of industrial by-products in concrete.

Honorary Members

Samuel J. Henry

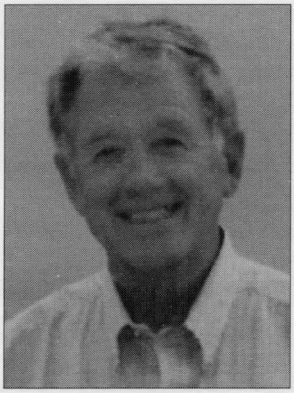
"in recognition of his meritorious service in guiding the technical affairs of the Institute during the period of the Institute's extraordinary growth, and for his vision and leadership in the publication of the Manual of Concrete Practice."

Samuel J. Henry was employed by ACI for 29 years, where he served as Technical Director and Managing Director of Engineering. While at ACI, he helped to create the *Manual of Concrete Practice* in 1967. Prior to his service at ACI, Henry worked in many capacities related to the concrete industry, including the California Highway Bridge Department and a consulting engineering firm in New York City that designed many famous bridges and turnpikes.

Henry received the ACI Henry L. Kennedy Award in 1980 and the ACI Henry C. Turner Medal in 1998.

He received a BSc in civil engineering in 1951 from Lafayette College and an MSc in civil engineering in 1959 from New York University. Henry also served in the U.S. Army during World War II.

"for his outstanding teaching and research and for his contributions as the co-author and author of the well-known textbook, Design of Concrete Structures."



Arthur H. Nilson

Arthur H. Nilson was engaged in research, teaching, and consulting relating to structural concrete for over 40 years. He was a member of the faculty of the College of Engineering at Cornell University, Ithaca, NY, since 1956, where he was in charge of undergraduate and graduate courses in the design of reinforced concrete and prestressed concrete structures until his retirement in 1991. He served as Chairman of Cornell's Department of Structural Engineering from 1978 to 1985. Prior to teaching, he worked as a structural engineer in California and Connecticut.

An ACI Fellow, Nilson has served on many committees, including ACI Subcommittee 318-D, Flexure and Axial Loads; Beams, Slabs, and Columns; ACI Committee 435, Deflection of Concrete Building Structures; and was a founding member and Chair of Joint ACI-ASCE Committee 447, Finite Element Analysis of Reinforced Concrete Structures. He was awarded the ACI Wason Medal for Materials Research in 1974, the ACI Wason Medal for Most Meritorious Paper in 1986 and 1987, and the ACI Structural Research Award in 1993.

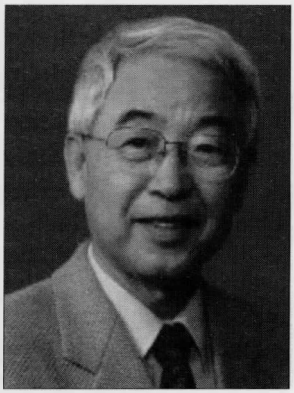
He has also been honored by the civil engineering student body at Cornell for outstanding teaching. He was elected Professor Emeritus in 1991. He has held research appointments or lectureships at the University of Manchester and Salford University in England and the Technical University of Milan in Italy.

He has authored or coauthored two textbooks, *Design of Concrete Structures* and *Design of Prestressed Concrete*, both of which are widely used in the U.S. and abroad and have been translated into several languages.

Since his retirement, he has devoted himself to many long-term interests including photography and music. Also, as a life-long sailing enthusiast, he and his wife Linda have cruised the New England coast from Long Island Sound to eastern Maine.

Nilson received his BS from Stanford University in 1948, his MS from Cornell in 1956, and his PhD from the University of California at Berkeley, Berkeley, CA, in 1967. He has held registration as a Professional Engineer in several states.

Honorary Members



Hajime Okamura

"for his many outstanding contributions to education and research in structural concrete and for international leadership in the development and application of self-consolidating concrete."

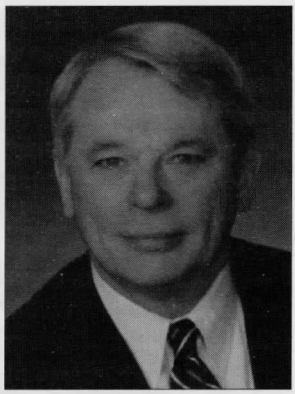
Hajime Okamura is President of Kochi University of Technology, Kochi, Japan. From 1966 to 1998, he was a faculty member at the University of Tokyo and was conferred the title of Professor Emeritus in 1999.

An ACI Fellow since 1986, he is a member of ACI Committee 440, Fiber Reinforced Polymer Reinforcement. He is a former member of the ACI International Committee and a former member of ACI Committee 318, Structural Concrete Building Code. He has received numerous awards, including an award for outstanding contributions in the area of concrete technology in Japan in 1991 and the Medal with Purple Ribbon from the Emperor of Japan in 2001.

He specializes in the nonlinear mechanics and constitutive laws of reinforced concrete and the seismic analysis of structures and development of self-compacting high-performance concrete.

He received his PhD in engineering from the University of Tokyo in 1966.

"for his steadfast leadership, applied with a sense of humor, of ACI and ASTM and for maintaining strong ties between the organizations; and for a lifetime of service to the Bureau of Reclamation developing and maintaining structures that have improved the quality of life in the western U.S."



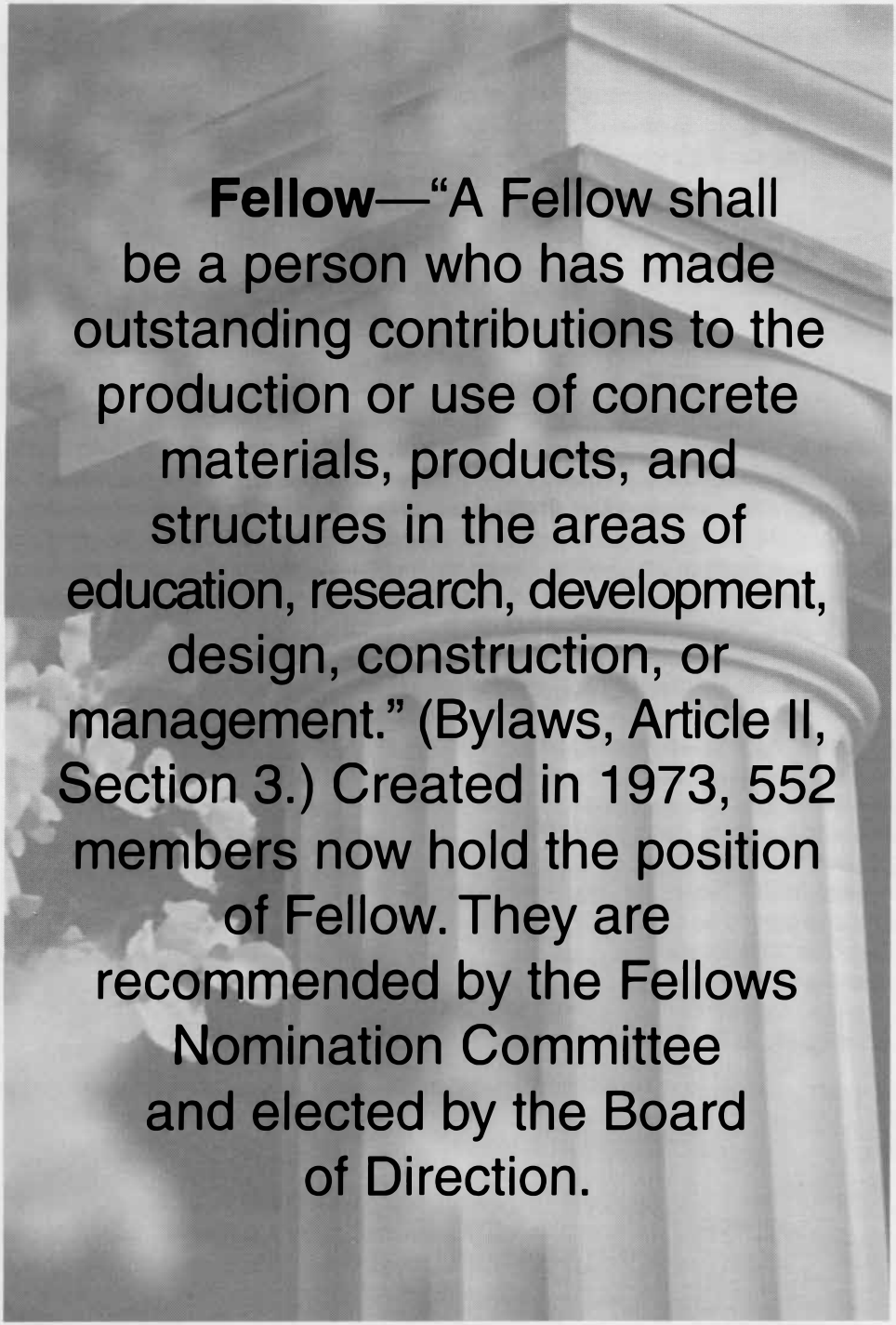
James S. Pierce

James S. Pierce is Chief, Water Resources Services Division, for the Technical Service Center of the U.S. Bureau of Reclamation in Denver, CO. In his current position, he is a senior manager with direct responsibilities for Water Resources Services. He started his professional career with the New York State Department of Transportation. Subsequently, Pierce worked for the U.S. Bureau of Reclamation and Martin Marietta Cement before returning to the Bureau, where he also worked as Chief, Materials Engineering Branch.

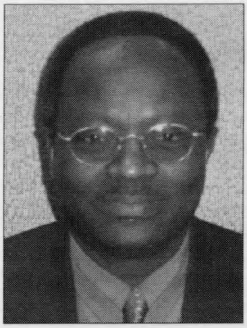
An ACI Fellow, Pierce is Chair of the ACI Marketing Committee, as well as a member of ACI Committees 211, Proportioning Concrete Mixtures; 221, Aggregates; 225, Hydraulic Cements; and 304, Measuring, Mixing, Transporting, and Placing Concrete. He has also served as the Chair of the Chapter Activities Committee and the Standards Board. Pierce received the Henry C. Turner Medal in 1994 for service to the concrete industry. He served as ACI President from 1996 to 1997 and was a member of the ACI Board of Direction.

Pierce has been active in ASTM International where he serves as a member of several ASTM Technical Committees. He was a member of the Board of Directors and served as Chairman of the Board. He received the William T. Cavanaugh Award in 2004 for promoting use of voluntary consensus standards. He is also a member of the American Society of Civil Engineers.

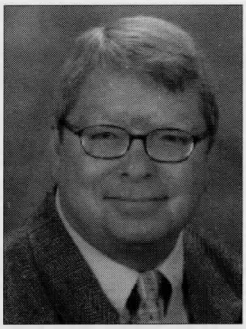
Pierce received his bachelor's and master's degrees from the School of Civil Engineering at Purdue University.



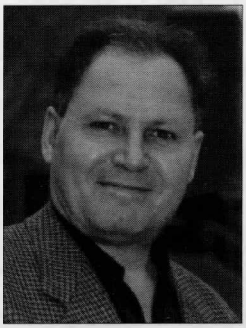
Fellow—"A Fellow shall be a person who has made outstanding contributions to the production or use of concrete materials, products, and structures in the areas of education, research, development, design, construction, or management." (Bylaws, Article II, Section 3.) Created in 1973, 552 members now hold the position of Fellow. They are recommended by the Fellows Nomination Committee and elected by the Board of Direction.



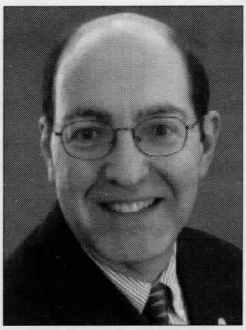
Emmanuel K. Attiogbe



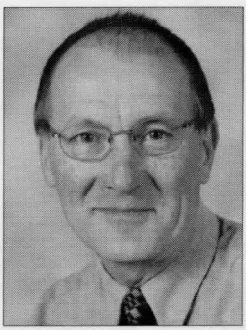
Gregory S. Barger



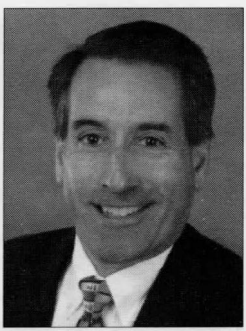
Brahim Benmokrane



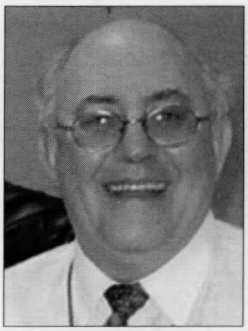
Neal S. Berke



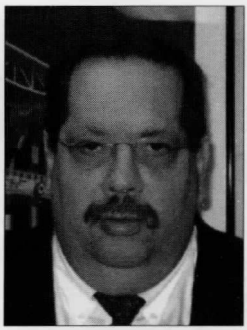
T. Ivan Campbell



John L. Carrato

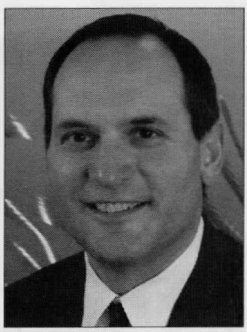


Allen G. Davis*



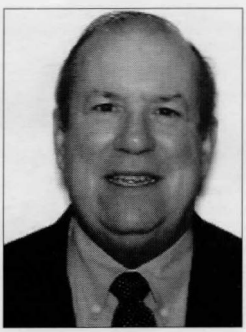
Harry A. Gleich

Kamal H. Khayat



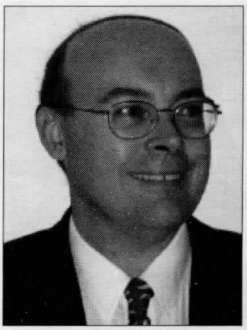
Ronald Klemencic

Anthony N. Kojundic

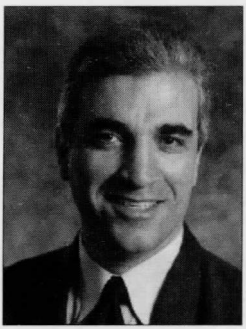


Carlos A. Lázaro

*deceased



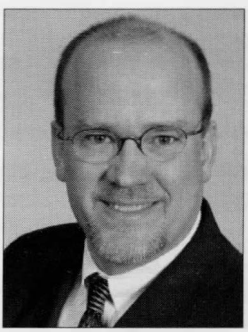
David B. McDonald



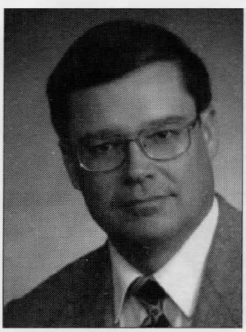
Hani H. Nassif

Shunsuke Otani

Stavroula J. Pantazopoulou

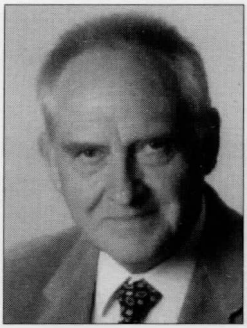


Conrad Paulson



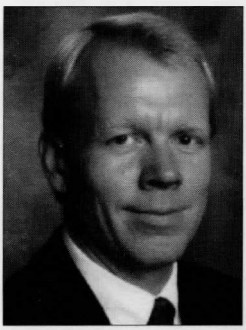
Bruce W. Ramme

Fellows

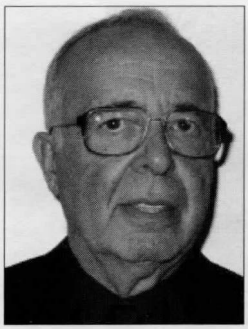


Hans W. Reinhardt

Elias Boutros Sayah



Johan L. Silfwerbrand



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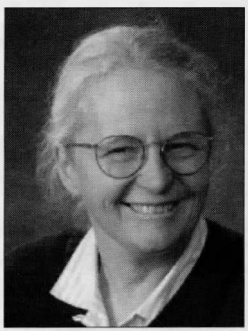
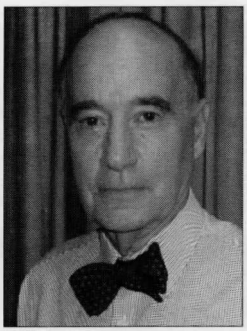


Leslie J. Struble



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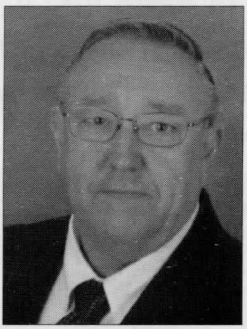
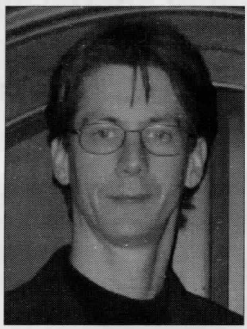


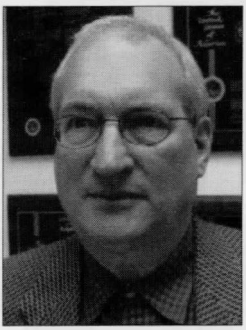
Jimmie L. Thompson



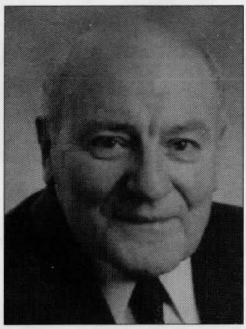
Todd R. Watson

50-Year Membership Citations

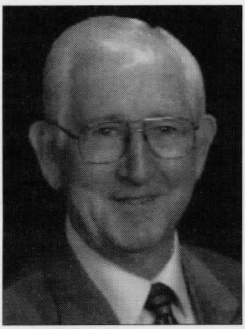
Expression of appreciation to members who have contributed to the success of the Institute by maintaining membership of at least 50 years.



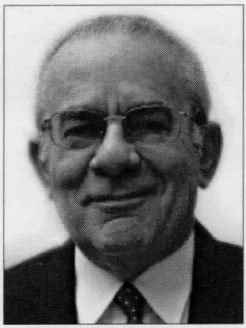
Ralph Barnett



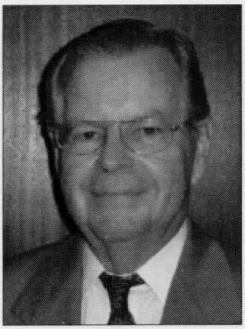
Vitelmo Bertero



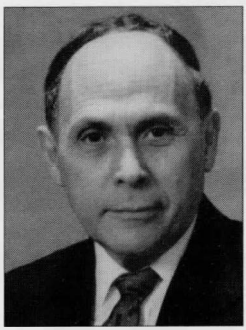
Dan Branson



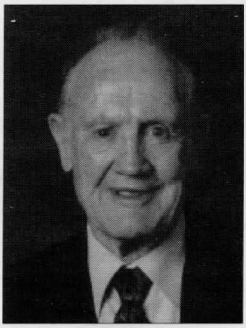
Gregorio Hernandez



Angel Herrera

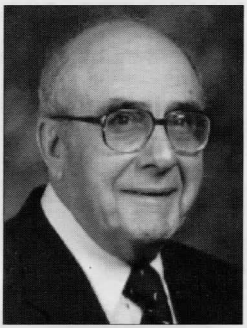


Nicholas Legatos



John Martin, Jr.

John McLaughlin



Wadi Rumman

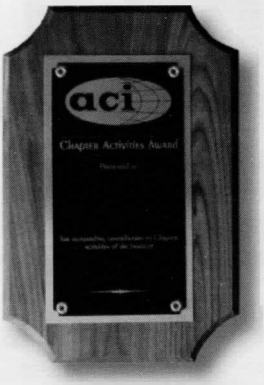
Ysrael Seinuk

Masaki Tanaka

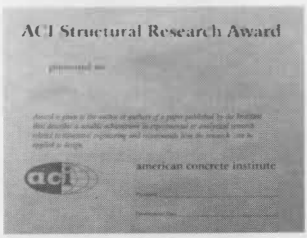
Not pictured:

Frank Craig, Jr.
Arnold de Angelis
Oscar de Buen
Ugur Ersoy
Enrique Fernandez-Munox
Richard Givens
M. Greene, Jr.
Roald Haestad
Dov Kaminetzky
Nickifor Lebar
Ramanlal Mahimtura
Guido Oberti
Martin Reszetnik
Guy Ritter

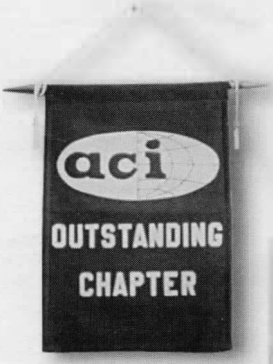
ACI Awards


aci
Chapter Activities Award


aci
American Concrete Institute
CONSTRUCTION PRACTICE AWARD
2005


ACI Structural Research Award
aci
american concrete institute


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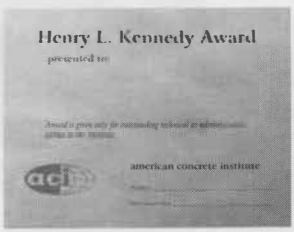
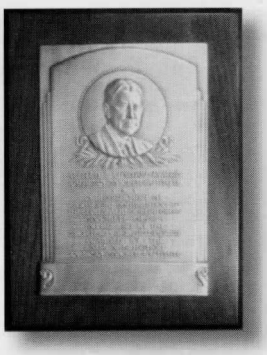
OUTSTANDING
CHAPTER


Henry L. Kennedy Award
aci
american concrete institute

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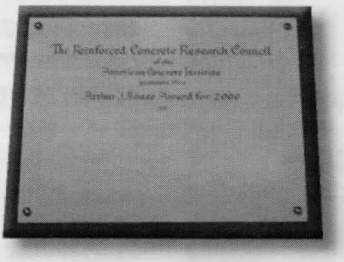
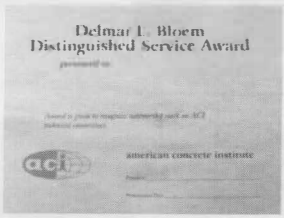
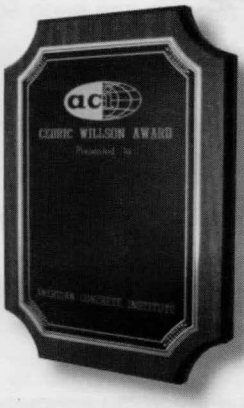
JOE W. KELLY AWARD
Presented To
American Concrete Institute


The Reinforced Concrete Research Council
of the
American Concrete Institute
Arthur J. Boase Award for 2000


Delmar L. Bloem
Distinguished Service Award
aci
american concrete institute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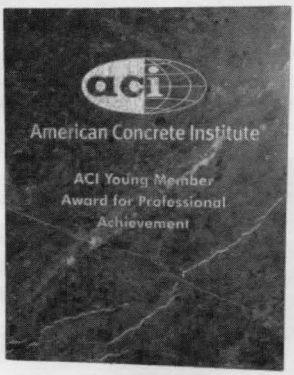
CEDRIC WILLSON AWARD
Presented To


AMERICAN CONCRETE INSTITUTE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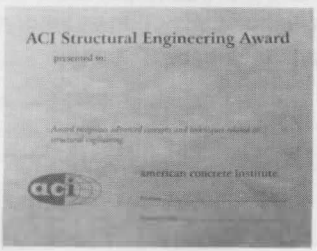
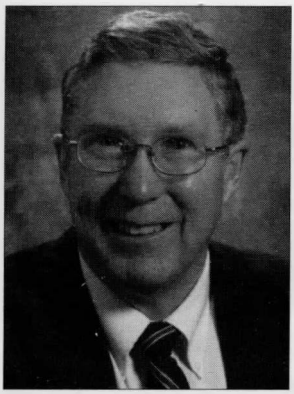
American Concrete Institute
ACI Young Member
Award for Professional
Achievement


ACI Structural Engineering Award
presented to
aci
american concrete institute


aci
EXCELLENT
CHAPTER

Arthur R. Anderson Award



"in recognition of his outstanding contributions to improving the design of reinforced and prestressed concrete structures through his enthusiastic leadership of many ACI committees and technical groups."

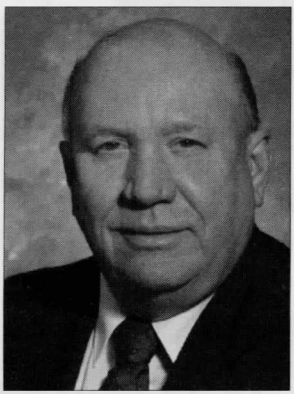
Charles W. Dolan

(For bio see page 50)

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



"for his many important contributions to the concrete construction industry through the American Concrete Institute and the American Society of Concrete Contractors."

Dennis Ahal

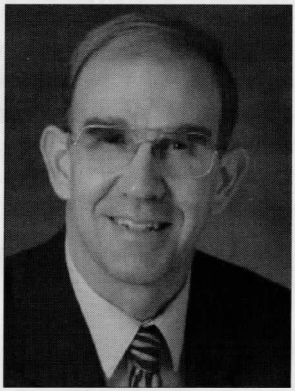
(For bio see page 51)

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 inspirational teaching of the behavior and design of concrete structures, and for his many contributions to advancing design practices through research, technical committee work, and technology transfer activities."



David Darwin

(For bio see pages 51-52)

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 long and devoted service to the Institute on both technical and educational committees."

Jon I. Mullarky

(For bio see page 52)

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

"for long-term support of basic and applied research leading to improvements in reinforced concrete design and the accompanying advances in construction and use of concrete materials to bring these designs to fruition."

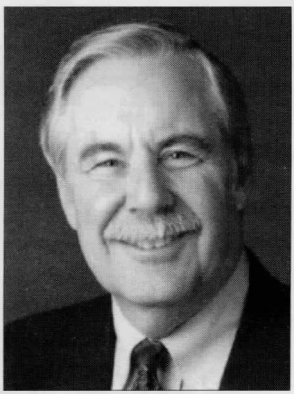
TxDOT

Texas Department of Transporation

(For bio see pages 52-53)

The **Alfred E. Lindau Award**—Presented for outstanding contributions to reinforced concrete design practice, this award 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



"for many years of service to the concrete industry through research and technical committee activities, especially for his work on reports from Innovation Task Groups."

Neil M. Hawkins

(For bio see pages 53-54)

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 Award

"for their work to advance concrete technology, especially in high performance materials."

NTNU

Norwegian University of Science and Technology

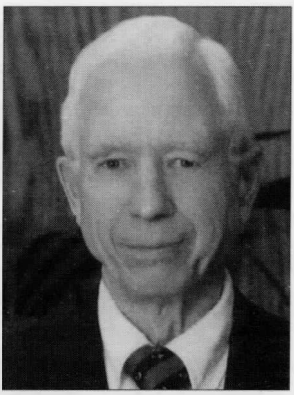
(For bio see page 54)

The **Charles S. Whitney Award**—Presented for Engineering Development, this award 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.

Cedric Willson Award

"for his service in the development of test procedures to determine thermal stability of lightweight aggregates relating to fire safety standards."

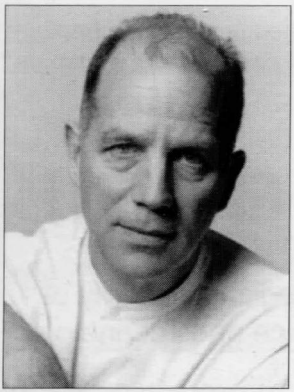


Warren W. Allen, Jr.

(For bio see pages 54-55)

The **Cedric Willson Award**—Approved in 1976 to recognize the many contributions of Cedric Willson, this award is given for service in the areas of lightweight aggregate, lighweight concrete, and lightweight concrete masonry. The award is for outstanding contributions in one or more of these areas; any person, firm, or organization is eligible.

ACI Distinguished Achievement Award



Tod Williams

"for his rigorous and tactile celebration of materials in architecture and, in particular, for his extraordinary use of concrete in buildings."

(For bio see page 55)

The **ACI Distinguished Achievement Award**—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

Oguzhan Bayrak

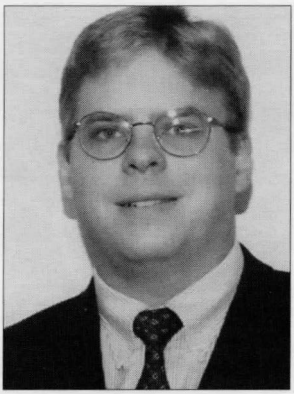
"for his commitment to understanding the behavior of reinforced concrete structures through experimental and analytical research, for his service to ACI technical committees, and for inspiring his students to do the same."

(For bio see page 55)

The **ACI Young Member Award for Professional Achievement**—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

"for his contributions to the non-destructive evaluation and repair of concrete structures through technical publications and participation on technical committees, and for recognition of his national awards in the engineering evaluation and repair field."



Keith Kesner

(For bio see page 56)

The **ACI Young Member Award for Professional Achievement**—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

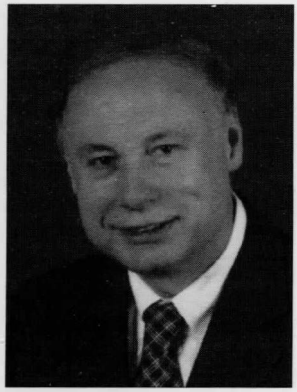
"for her continuing contributions to ACI and the concrete industry: especially toward the improvement of construction specifications; her mentoring of younger members and students; and active participation on ACI technical committees and local Chapter activities."

Kari L. Yuers

(For bio see page 56)

The **ACI Young Member Award for Professional Achievement**—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



Murat Saatcioglu

"for his paper describing a design procedure for columns that considers the different strength and ductility properties of high-strength concrete."

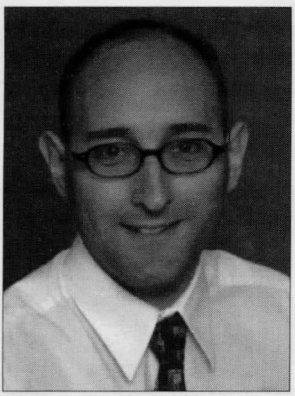
"Design of High-Strength Concrete Columns for Strength and Ductility," *The Art and Science of Structural Concrete Design*, SP-213, S. Ali Merza, ed., American Concrete Institute, Farmington Hills, MI, pp. 83-101.

(For bio see page 57)

The **Wason Medal for Most Meritorious Paper** was founded in 1917 by Leonard C. Wason, past president, American Concrete 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 co-authored 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 Practice Award



Markus Wernli

"for their co-authored paper that provides information on construction, design, constructability, and durability of CFRP reinforced concrete panels for floating pier."

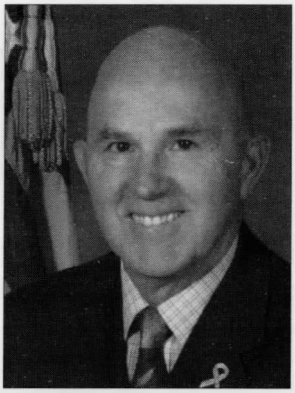
"Production Testing of CFRP Grid Reinforced Concrete Panels for a Floating Pier," *Field Applications of FRP Reinforcement*, SP-215, S. Rizkalla and A. Nanni, eds., American Concrete Institute, Farmington Hills, MI, pp. 91-102.

(For bio see pages 57-58)

The **ACI Construction Practice Award**—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 Practice Award

"for their co-authored paper that provides information on construction, design, constructability, and durability of CFRP reinforced concrete panels for floating pier."



George E. Warren

"Production Testing of CFRP Grid Reinforced Concrete Panels for a Floating Pier," *Field Applications of FRP Reinforcement*, SP-215, S. Rizkalla and A. Nanni, eds., American Concrete Institute, Farmington Hills, MI, pp. 91-102.

(For bio see page 58)

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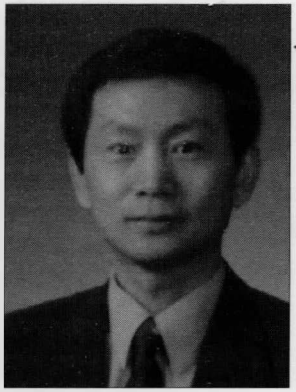
Robert F. Mast

"Production Testing of CFRP Grid Reinforced Concrete Panels for a Floating Pier," *Field Applications of FRP Reinforcement*, SP-215, S. Rizkalla and A. Nanni, eds., American Concrete Institute, Farmington Hills, MI, pp. 91-102.

(For bio see page 59)

The **ACI Construction Practice Award**—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 their co-authored paper that provides a model describing the degree of hydration and temperature and moisture distribution, considering age-dependency, in early-age concrete."

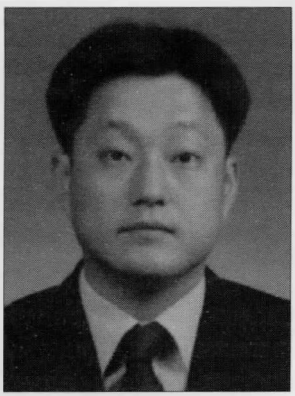
"Nonlinear Analysis of Temperature and Moisture Distributions in Early-Age Concrete Structures Based on Degree of Hydration," *ACI Materials Journal*, V. 100, No. 5, Sept.-Oct. 2003, pp. 361-370.

Byung Hwan Oh

(For bio see pages 59-60)

The **Wason Medal for Materials Research** was founded in 1917 by Leonard C. Wason, past president of ACI. 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 co-authors become eligible for the award.

Wason Medal for Materials Research



"for their co-authored paper that provides a model describing the degree of hydration and temperature and moisture distribution, considering age-dependency, in early-age concrete."

"Nonlinear Analysis of Temperature and Moisture Distributions in Early-Age Concrete Structures Based on Degree of Hydration," *ACI Materials Journal*, V. 100, No. 5, Sept.-Oct. 2003, pp. 361-370.

Soo Won Cha

(For bio see page 60)

The **Wason Medal for Materials Research** was founded in 1917 by Leonard C. Wason, past president of ACI. 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 co-authors become eligible for the award.

ACI Structural Research Award

"for their co-authored paper examining the effects of concrete strength, strand surface condition prestress release method and time on the transfer length of 0.6 in. strands and their recommendations to optimize the design provisions as they pertain to high-strength concrete."

"Experimental Assessment of Factors Affecting Transfer Length," *ACI Structural Journal*, V. 100, No. 6, Nov.-Dec. 2003, pp. 740-748.

(For bio see page 60)

Robert W. Barnes

The **ACI Structural Research Award**—Awarded to authors of a paper published by the Institute that describes a notable achievement in research related to structural engineering and that recommends how the research can be applied to design.

ACI Structural Research Award

"for their co-authored paper examining the effects of concrete strength, strand surface condition prestress release method and time on the transfer length of 0.6 in. strands and their recommendations to optimize the design provisions as they pertain to high-strength concrete."

"Experimental Assessment of Factors Affecting Transfer Length," *ACI Structural Journal*, V. 100, No. 6, Nov.-Dec. 2003, pp. 740-748.

(For bio see page 60)

John W. Grove

The **ACI Structural Research Award**—Awarded to authors of a paper published by the Institute that describes a notable achievement in research related to structural engineering and that recommends how the research can be applied to design.

ACI Structural Research Award

Ned H. Burns

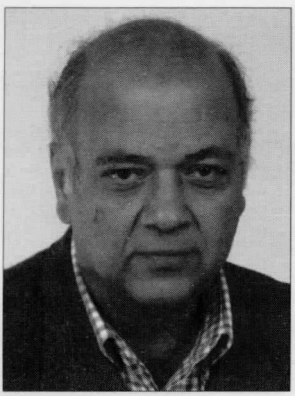
"for their co-authored paper examining the effects of concrete strength, strand surface condition prestress release method and time on the transfer length of 0.6 in. strands and their recommendations to optimize the design provisions as they pertain to high-strength concrete."

"Experimental Assessment of Factors Affecting Transfer Length," *ACI Structural Journal*, V. 100, No. 6, Nov.-Dec. 2003, pp. 740-748.

(For bio see pages 60-61)

The **ACI Structural Research Award**—Awarded to authors of a paper published by the Institute that describes a notable achievement in research related to structural engineering and that recommends how the research can be applied to design.

ACI Design Practice Award



Dimitrios D. Theodorakopoulos

"for their co-authored paper that uses an analytical model on physical behavior to develop a design equation to predict the ultimate punching shear strength of fiber-reinforced concrete slab-column connections."

"A Design Method for Punching Shear Strength of Steel Fiber Reinforced Concrete Slabs," *Innovations in Fiber-Reinforced Concrete for Value,* SP-216, N. Banthia, M. Criswell, P. Tatnall, and K. Folliard, eds., American Concrete Institute, Farmington Hills, MI, pp. 181-201.

(For bio see page 61)

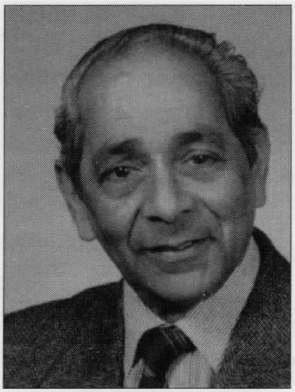
The **ACI Design Practice Award** honors a paper that describes advanced concepts and techniques applied to a specific design practice or project. Awarded to the author or co-authors of the paper and to the engineer or engineering firm responsible for the design. Institute membership and peer review are not required, and the award may be awarded annually, but not necessarily.

ACI Design Practice Award

"for their co-authored paper that uses an analytical model on physical behavior to develop a design equation to predict the ultimate punching shear strength of fiber-reinforced concrete slab-column connections."

"A Design Method for Punching Shear Strength of Steel Fiber Reinforced Concrete Slabs," *Innovations in Fiber-Reinforced Concrete for Value,* SP-216, N. Banthia, M. Criswell, P. Tatnall, and K. Folliard, eds., American Concrete Institute, Farmington Hills, MI, pp. 181-201.

(For bio see page 61)



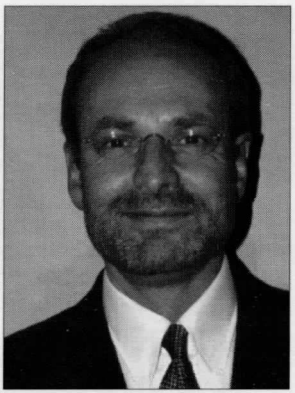
Ramnath Narayan Swamy

The **ACI Design Practice Award** honors a paper that describes advanced concepts and techniques applied to a specific design practice or project. Awarded to the author or co-authors of the paper and to the engineer or engineering firm responsible for the design. Institute membership and peer review are not required, and the award may be awarded annually, but not necessarily.

Delmar L. Bloem Award for Distinguished Service

"for outstanding leadership of ACI Committee 224, Cracking."

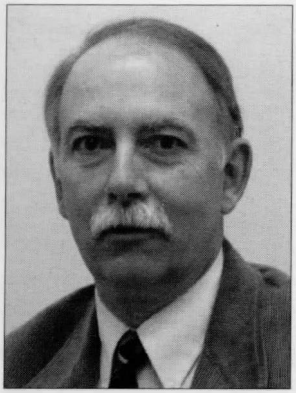
(For bio see page 62)



Florian G. Barth

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



J. Edward Sauter

"for outstanding leadership of ACI Committee 332, Residential Concrete Work."

(For bio see pages 62-63)

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

Albert O. Kaeding

"for outstanding leadership of ACI Committee 548, Polymers in Concrete."

(For bio see page 63)

The **Delmar L. Bloem Award for Distinguished Service**—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 outstanding service in the promotion of the concrete industry and dedication to the ACI New Mexico Chapter."

Frank A. Kozeliski

(For bio see pages 63-64)

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

Chapter Activities Award—International

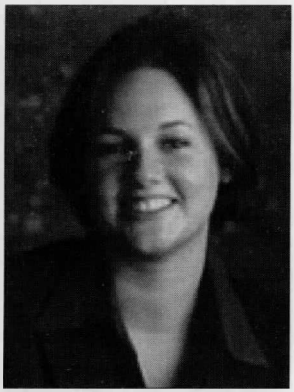
"for his leadership and promotion of the ACI Egypt Chapter and outstanding service to the concrete industry."

Mohamed Nasser
A.N. Darwish

(For bio see page 64)

The **Chapter Activities Award**—Founded in 1975, this award 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



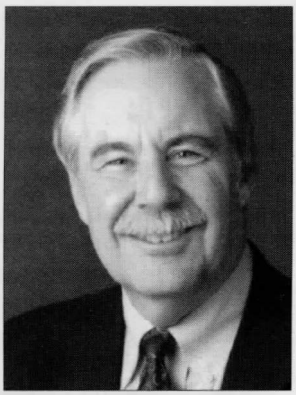
Kimberly E. Kurtis

"in recognition of her innovations in the classroom and mentoring of students in the pursuit of concrete technology, and her leadership in advancing teaching methods."

(For bio see page 65)

The **Walter P. Moore, Jr., Faculty Achievement Award**—Established in 2001 to honor the late Walter P. Moore, Jr., PhD, PE, NAE. Dr. 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 seven years served in all faculty positions. The award recognizes excellence and innovation in the teaching of concrete design, materials, or construction, with demonstrated evidence of technical competence, high character, and integrity.

Concrete Research Council—Arthur J. Boase Award



Neil M. Hawkins

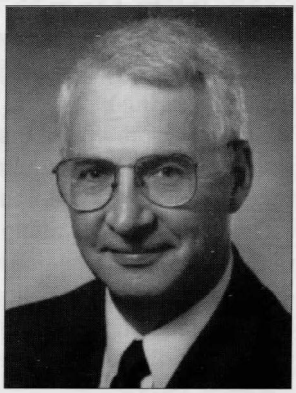
"for his contributions toward understanding the behavior of reinforced and prestressed concrete and the transfer of research findings to design and construction practices."

(For bio see pages 53-54)

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

Concrete Research Council—Robert E. Philleo Award

"for his contributions to the understanding of concrete, concrete construction and quality control of concrete placement."



Kenneth C. Hover

(For bio see pages 65-66)

The **Robert E. Philleo Award** of the Concrete Research Council, ACI, 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 Concrete Materials Research Council, now the Concrete Research Council. The award is a plaque suitably inscribed with the name of the recipient and the citation.

T.Y. Lin Award

Information not available at time of printing.

Chapter Awards

CITATIONS OF EXCELLENCE

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

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

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

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

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

U.S. and Canada

Georgia
Louisiana
Missouri
National Capital
New Jersey
New Mexico
Northeast Texas
Northern California/Western Nevada

International

Central & Southern Mexico
India
Iran
Peru

OUTSTANDING CHAPTERS

U.S. and Canada

Arizona
Intermountain
Eastern Pennsylvania & Delaware
Florida Suncoast
Greater Miami Valley (Ohio)
Greater Michigan
Las Vegas
Ontario
San Antonio
Southern California

International

Lebanon
Mongolia

HONORARY MEMBERSHIP — Pierre-Claude Aïtcin (see page 5)
HONORARY MEMBERSHIP — Samuel J. Henry (see page 6)
HONORARY MEMBERSHIP — Arthur H. Nilson (see page 7)
HONORARY MEMBERSHIP — Hajime Okamura (see page 8)
HONORARY MEMBERSHIP — James S. Pierce (see page 9)

FELLOWS

Emmanuel K. Attiogbe is the Director of Technical Services at Degussa Admixtures (Master Builders), Inc., Cleveland, OH, and is responsible for managing all laboratory-based technical support of chemical admixture products, including management of the engineering research and testing related to these products. Prior to joining Degussa Admixtures, Inc., he held engineering research positions at the University of Kansas, Lawrence, KS, and the University of Manitoba, Winnipeg, Manitoba, Canada. In 1993, he joined the Civil Engineering and Building Department at the Kuwait Institute for Scientific Research, Kuwait City, Kuwait, and was responsible for conducting research related to concrete and masonry structures.

He is a member of ACI Committee 231, Properties of Concrete at Early Ages. He also serves on the TAC Technology Transfer Committee (TTTC), the Strategic Development Council (SDC), and the Concrete Research Council (CRC). Attiogbe was awarded the ACI Wason Medal for Materials Research in 1995 for a paper on spacing of air voids in hardened concrete.

Attiogbe received a bachelor's degree in civil engineering from the University of Science & Technology, Ghana, and a master's degree and PhD in civil engineering from the University of Kansas.

Gregory S. Barger has served for 14 years as the Director of Ash Grove Cement Co., Technical Center, based in Overland Park, KS. The new 16,000 ft^2 center provides technical support for nine cement plants, a lime plant, and a materials division that consists of ready mixed concrete operations, aggregate operations, and a paving company.

Over the past 30 years, Barger has worked in various capacities in the cement manufacturing industry. Between 1974 and 1988, he held positions in quality control and process research for Southwestern Portland Cement Company. From 1988 to 1990, Barger worked for Master Builders of Cleveland, OH, in the Admixture Research Group. He has also authored numerous articles on cement and pozzolan manufacturing and holds two patents on cementitious products.

An ACI member, Barger is a member of ACI Committee 221, Aggregates; 225, Hydraulic Cements, where he served as Chair from 1996 to 2002; and 232, Fly Ash and Natural Pozzolans in Concrete. He is a member of the ACI Kansas Chapter, where he served on the Board of Directors and was Membership Chair, an inspector at certification events, and a guest speaker at various concrete-related meetings.

He is also a member of ASTM International and the American Ceramic Society, Cements Division.

Barger received a BS degree in microbiology and chemistry from Ohio State University, Columbus, OH, in 1974.

Brahim Benmokrane is a Professor who holds a Natural Science and Engineering Research Council of Canada (NSERC) Research Chair in fiber-reinforced polymer (FRP) reinforcement for concrete structures in the Department of Civil Engineering at the University of Sherbrooke, Sherbrooke, Quebec, Canada. He is a project leader in the Canadian Network of Centres of Excellence on Intelligent Sensing for Innovative Structures (ISIS), and has been involved in the design, construction, and monitoring of the six bridges built with concrete deck slabs reinforced with FRP reinforcing bars in Canada and the U.S.

Benmokrane is a member of ACI Committees 435, Deflection of Concrete Building Structures, and 440, Fiber Reinforced Polymer Reinforcement, where he contributed to the development of new guides (ACI 440.1R-01, ACI 440.1R-03, and ACI 440.3R-04). He is also a member of the Canadian Standards Association (CSA) and serves on CSA Committees S806, FRP Structural Components and Reinforcing Materials for Buildings, and S6, Bridges. He also contributed to the development of a new code (CAN/CSA S806-02).

In addition to membership in many professional organizations such as the Canadian Society for Civil Engineering, the American Society of Civil Engineers, and ASTM International, he has published more than 200 technical papers. During the past 10 years, he has also trained more than 50 graduate students and postdoctoral fellows on various aspects of concrete structures reinforced with FRP.

His research interests include the development and application of advanced FRP composite materials in civil engineering structures.

He received his BSc degree in civil engineering from the École Polytechnique Fédérale, Lausanne, Switzerland, in 1979, and his PhD in civil engineering from the University of Sherbrooke, Sherbrooke, Quebec, Canada, in 1986.

Neal S. Berke is a Research and Development Fellow in the Worldwide Cement and Concrete Products Research Laboratory of Grace Construction Products, Cambridge, MA. He is responsible for all durability research on calcium nitrite, microsilica, and shrinkage-reducing products. Berke, who joined Grace in 1983, has written and presented over 80 papers on his research activities throughout the world. A frequent reviewer for several technical organizations and journals, he holds more than 25 U.S. patents.

He is a member of ACI Committee 365, Service Life Prediction, and is also a member of NACE International, ASTM International, the Boston Society of Civil Engineers Structural Committee, the Electrochemical Society, the American Society for Metals, the Transportation Research Board, and the Metallurgical Society of AIME.

Berke is considered one of the world's foremost authorities on the issues of corrosion and durability of concrete. He has conducted research on concrete durability for more than 20 years and on corrosion for more than 25 years. He has played a significant role in the development of corrosion inhibitors for steel in concrete, as well as the use of shrinkage-reducing admixtures. In addition, he has conducted extensive research on the use of synthetic fibers and silica fume in concrete.

Berke received a bachelor's degree in physics from the University of Chicago, Chicago, IL, and a PhD in metallurgical engineering from the University of Illinois at Urbana-Champaign, Urbana, IL.

T. Ivan Campbell is Professor Emeritus and former Head of the Department of Civil Engineering at Queen's University, Kingston, Ontario, Canada. He has been involved in teaching and research at Queen's University for over 30 years. He has taught courses in design of reinforced and prestressed concrete at both undergraduate and graduate levels. Prior to joining the faculty at Queen's in 1972, Campbell spent 5 years with the Ministry of Transportation of Ontario (MTO), where he was engaged in both design and research of bridges.

He is a member of ACI Committee 440, Fiber Reinforced Polymer Reinforcement. Campbell is a Fellow of the Canadian Society for Civil Engineering (CSCE) and the Canadian Prestressed/Precast Concrete Institute (CPCI). He served on the committees that developed the structural concrete sections of the Ontario Highway Bridge Design Code and the CSA-S6-00, Canadian Highway Bridge Design Code. He has also contributed to the development of design manuals for the Canadian Portland Cement Association (CPCA) and CPCI. He was a member of an MTO design team that was honored with a Precast/Prestressed Concrete Institute (PCI) Bridge Design Award in 1974.

His research interests include prestressed concrete transportation structures such as highway and railway bridges and guideways for transit systems. In recent years, his research work has been extended to the utilization of advanced composite materials and stainless steel reinforcement in prestressed concrete under the sponsorship of ISIS Canada, a Network of Centres of Excellence on Intelligent Sensing for Innovative Structures.

Campbell received his BSc, PhD, and DSc from Queen's University, Belfast, N. Ireland.

John L. Carrato is a Senior Vice President at Alfred Benesch & Co. (Benesch) and has served as the Chicago Division Manager for Benesch since 1995. He is also a member of the Board of Directors. During his tenure at Benesch, Carrato has served as project manager for several large and complex transportation projects, including railroad bridges in locales such as Oba Lake, Ontario, Canada, and Ngaruawahia, New Zealand.

Carrato has been a member of ACI for over 20 years. He is an associate member of ACI Committee 341, Earthquake-Resistant Concrete Bridges; a

member of Committee 342, Evaluation of Concrete Bridges and Bridge Elements; and a consulting member of Joint ACI-ASCE Committee 343, Concrete Bridge Design. He is also Past Chair and an associate member of ACI Committee 345, Concrete Bridge Construction, Maintenance, and Repair.

Carrato is a member of the American Railway Engineering and Maintenance of Way Association (AREMA) and the Maintenance of Way Club of Chicago and is a fellow of the American Society of Civil Engineers (ASCE). He recently completed his term as Chair of the Executive Committee of the Technical Activities Division of the Structural Engineering Institute of ASCE. He currently serves as the Chair of the Subcommittee on Design for AREMA Committee 15. Carrato was named Civil Engineer of the Year by the ASCE Illinois Section in 2001.

Carrato received his bachelor's and master's degrees in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL.

The late **Allen G. Davis**, who earned international recognition for his work in nondestructive evaluation and geotechnical engineering, served as a Senior Principal Engineer at CTLGroup in Skokie, IL, from 1997 to 2004.

Davis began his career as a diamond prospector in South and Central Africa. Later, he served as Manager and Technical Director of NDT Divisions for major consulting engineering companies in England, France, the United States, and Hong Kong. For 5 years, he headed the United Nations Mission (Habitat) to Vietnam to establish geotechnical and building materials testing laboratories. He also served as Adjunct Professor in the Department of Civil Engineering, University of Utah, and was an Honorary Professor at École Spéciale des Travaux Publics in Paris, France.

He was active in professional organizations including ACI, the Transportation Research Board, and the RILEM Technical Committee on Nondestructive Testing. He served as Chair of ACI Committee 228, Nondestructive Testing of Concrete, from 1996 to 2000. He was a frequent speaker at professional conferences and symposia, and the author of more than 80 technical articles and publications in the fields of civil engineering and building, transportation, and materials resources.

He received a BS degree in geology, an MS degree in foundation engineering, a PhD in civil engineering, and a DSc in civil environmental planning from the University of Birmingham in England. Dr. Davis died on October 26, 2004, at age 66, after a brief illness. He is survived by his wife, Andrée; two daughters, Corinne Davis and Catherine Davis; and two grandchildren.

Harry A. Gleich is the Vice President of Engineering for Metromont Corp. in Greenville, SC. Prior to this, he worked as Chief Engineer for Dura-Stress Inc., in Leesburg, FL. He has also worked for the Prestress Division at Florida Mining & Materials, Lakeland, FL, where he designed projects using prestressed products for verifying sized projects.

Gleich has been a member of ACI for over 20 years. He is a member of ACI Committees 318, Structural Concrete Building Code; 318-G, Precast and

Prestressed Concrete; Joint ACI-ASCE Committee 550, Precast Concrete Structures; is Chair of Committee 533, Precast Panels; and is an associate member of Committee 362, Parking Structures.

Gleich is also a Fellow of the Precast/Prestressed Concrete Institute (PCI) and is currently on the PCI Board as Zone 6 Director. He is a member of ASCE, NSPE, and SCSPE Piedmont Chapter, and was awarded Engineer of the Year for the Piedmont Chapter. He is also on the Reinforced/Prestressed Concrete Exam Development Committee of ICC.

He received his BSc degree in engineering from the University of South Florida in 1976, and is currently a Registered Structural Engineer in 15 states and holds contractor licenses in 10 states.

Kamal H. Khayat is a Professor of Civil Engineering at the Université de Sherbrooke, Sherbrooke, Québec, Canada. He recently led a group of researchers to obtain the university's highest grant for the construction of a new state-of-the-art laboratory dedicated to research and technology transfer in concrete engineering. He has also been a guest professor at the Université d'Artois, France, since 2000, and at the University Panamericana, Guadalajara, Mexico, since 2003. He has also been a guest researcher with Monsanto in the U.S. and Lafarge in France.

Khayat is a member of ACI Committees 234, Silica Fume in Concrete; 236, Materials Science of Concrete; 236A, Workability and Rheology of Fresh Concrete; 237, Self-Consolidating Concrete; and 552, Geotechnical Cement Grouting.

He was the corecipient of ASTM International's Sanford E. Thompson Award in 1994 and has received various awards from the ACI Quebec and Eastern Ontario Chapter and the Quebec Concrete Association in 1998, 2000, and 2003.

His research interests include self-consolidating concrete, high-performance concrete, and underwater concrete, and he has published over 150 technical papers on various subjects pertaining to these areas of research.

He received a BSc degree in civil engineering, an MSc degree in structural engineering and an MEng degree in construction engineering and management, and a PhD in concrete technology from the University of California at Berkeley, Berkeley, CA.

Ronald Klemencic is President of Magnusson Klemencic Associates, an award-winning structural and civil engineering firm headquartered in Seattle, WA. The 140-person firm has completed engineering projects in 45 states and 35 countries. His designs cover the spectrum of project types and materials and incorporate the latest cutting-edge approaches. Additionally, he serves as Chairman of the Council on Tall Buildings and Urban Habitat. In his third year as head of the Council, Klemencic leads the only international organization that brings together all of the disciplines involved in creating the global urban environment. His most recent effort is organizing the Council's Seventh World Congress, "Renewing the Urban Landscape," to be held in New York City in October 2005.

He is a member of ACI Committees 318, Structural Concrete Building Code;

318-D, Flexural and Axial Loads; Beams, Slabs, and Columns; 318-H, Seismic Provisions; and is Past Chair of 374, Performance-Based Seismic Design of Concrete Buildings. He also serves on ITG 5, Precast Shearwalls for High Seismic Applications. Klemencic is also a current member and former officer in the ACI Washington Chapter.

He received his bachelor's degree in civil engineering from Purdue University in 1985 and his master's degree in structural engineering from the University of California at Berkeley, Berkeley, CA, in 1986.

Anthony N. Kojundic is Business Manager for Elkem Materials Inc., Pittsburgh, PA, and cofounding Board Director of the Silica Fume Association (SFA), where he was involved in high-performance concrete technology transfer among state transportation authorities as part of the SFA's cooperative agreement with the Federal Highway Administration. He has more than 20 years of experience with silica fume concrete applications. Prior to joining Elkem, he worked at Forney Material Test Equipment Company for 8 years.

An ACI member for more than 20 years, Kojundic is Secretary of ACI Committee 234, Silica Fume in Concrete, and a member of ACI Committees 363, High-Strength Concrete, and 365, Service Life Prediction. In addition, he is a member of three local chapters and previously served on ACI Committee 362, Parking Structures. He is also a member of ASTM International.

Kojundic is one of the pioneers of silica fume use in concrete and was directly involved in many of the first successful applications of this high-performance concrete in the United States. He has published several papers on the durability of silica fume concrete and the practical aspects of producing high-performance concrete. He frequently lectures on silica fume concrete technology at bridge engineering conferences and provides direct training for concrete producers and contractors. He is also a member of the National Concrete Bridge Council, a council of 11 trade associations dedicated to promoting concrete bridges.

He received his BS degree in agricultural engineering from West Virginia University, Morgantown, WV, in 1975.

Carlos A. Lázaro is Partner and Principal of Lázaro-Gandía, an engineering firm that, for the past 30 years, has been involved in the structural design of health care facilities and office and institutional buildings, as well as the inspection and supervision of construction projects. For the past 10 years, Lázaro has been designated by the Superior Court of Puerto Rico as Court Appointed Monitor in various construction-related cases. He also frequently serves as an expert witness.

An ACI member, Lázaro was President of the ACI Puerto Rico Chapter from 1977 to 1979, and has held various positions on the ACI Puerto Rico Chapter Board. He was Chair of the 1980 ACI Fall Convention held in San Juan, Puerto Rico, and was Cochair of the 1992 ACI Fall Convention. In addition, he will cochair the convention to be held in San Juan in the fall of 2007.

From 1986 to 1987, Lázaro was Section President of the American Society of

Civil Engineers. He was also a member of the Accreditation Board for Engineering and Technology (ABET) Evaluating Committee for the engineering school of the University of Puerto Rico and the Polytechnic University of Puerto Rico in 1993 and 1996, respectively.

Lázaro was awarded the distinction of Outstanding Civil Engineer by the Engineer's Association of Puerto Rico in 2000. He held various positions of leadership within the association, such as President of the Institute of Civil Engineers and editor of the association's monthly publication.

He was dedicated to many projects involving engineering students. He served on various committees that provide scholarships for deserving engineering students and foster student involvement in professional activities. For the past 20 years, he has conducted the concrete review course for the professional engineering exam.

Lázaro graduated cum laude with a bachelor's degree in civil engineering from the University of Puerto Rico, Mayagüez Campus, Mayagüez, Puerto Rico, in 1971, and received a master's degree in engineering from Cornell University, Ithaca, NY. He is a licensed Professional Engineer in Puerto Rico.

David B. McDonald is the Program Manager of the Industrial Products Laboratory and Materials Analysis Laboratory in the R&D Center at USG Corp. He works with many different products, including road repair materials and self-leveling underlayments. Prior to this position, he worked with the Materials Group at Wiss, Janney, and Elstner Associates (WJE) in Northbrook, IL, where he worked on numerous investigations relating to the deterioration and long-term performance of structures and the performance of products used in the construction industry. McDonald was also Program Manager for a 5-year FHWA program on corrosion-resistant reinforcing bars and worked with many other material studies for manufacturers of construction materials and concrete admixtures.

McDonald is a member of ACI Committees 222, Corrosion of Metals in Concrete, and 308, Curing Concrete. He is also the Chair of 209, Creep and Shrinkage in Concrete.

He was awarded the ACI Young Member Award in 1999 and the Precast/Prestressed Concrete Institute's (PCI) Charles Zollman Award in 1997 for a paper on the long-term durability of precast concrete. He has written over 30 technical papers in peer-reviewed journals, and he is a member of ASTM E 06, Performance of Buildings.

McDonald received his bachelor's degree in civil engineering in 1986, and his PhD from the University of Sydney, Australia, in 1991, with a focus on shrinkage and creep of concrete. He is a licensed Professional Engineer in Illinois.

Hani H. Nassif is an Associate Professor, Department of Civil and Environmental Engineering, Rutgers University, NJ. Prior to joining Rutgers, he taught for 2 years at Villanova University, PA, and for 3 years at Bradley University, Peoria, IL.

Nassif is a member of ACI Committees 209, Creep and Shrinkage in Concrete;

435, Deflection of Concrete Building Structures; Joint ACI-ASCE Committee 343, Concrete Bridge Design; and is a member and Past Chair of 348, Structural Safety. He has also chaired and moderated numerous technical sessions at ACI conventions.

He is a member of TRB, ASCE, and is currently the Chairman of ASCE Committee on Safety of Bridges. Nassif has been active as a technical consultant for the development and successful implementation of technical specifications for various projects dealing with high-performance concrete. In 2003, he was awarded the ASCE Central New Jersey's Educator of the Year Award for excellence in education and his dedication to student learning.

Nassif's research interests include structural behavior and durability of high-performance concrete, creep and shrinkage behavior of high-strength concrete, and structural safety.

Nassif received BSc and MSc degrees in civil engineering from the University of Detroit, Detroit, MI, in 1981 and 1983, respectively, and a PhD in structural engineering from the University of Michigan, Ann Arbor, MI, in 1993.

Shunsuke Otani is a Professor in the Department of Design and Architecture, Chiba University, Chiba, Japan. Prior to this position, he taught at the University of Illinois at Urbana-Champaign, the University of Toronto, and the University of Tokyo.

ACI member Otani is a past member of ACI Committees 318, Structural Concrete Building Code, and Joint ACI-ASCE Committee 442, Response of Concrete Buildings to Lateral Forces. He has been active in the Architectural Institute of Japan (AIJ), where he served as Director from 1995 to 2004, and the Japan Concrete Institute (JCI), where he currently serves as Vice-President. He is also President-Elect of the Japan Association for Earthquake Engineering. Otani served on ISO/TC71, Concrete, Reinforced Concrete, and Prestressed Concrete from 1999 to 2003, representing JCI, and was a national delegate of the International Federation of Concrete (*fib*) from 1998 to 2002. He received the Architectural Institute of Japan Award in 1990 and the Japan Prestressed Concrete Engineering Association Award in 1996.

His research interests include the experimental and analytical studies on the response of reinforced concrete building structures under the effect of earthquake motions and earthquake-resistant design.

Otani received a master's degree and PhD in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL.

Stavroula J. Pantazopoulou (Voula) is a Professor of Civil Engineering at Demokritus University of Thrace in Greece. Prior to her current appointment, she was a tenured Associate Professor at the University of Toronto in Canada.

She is a member of ACI Committees 341, Earthquake-Resistant Concrete Bridges, of which she served as secretary for 6 years; 374, Performance-Based Seismic Design of Concrete Buildings; 408, Bond and Development of Reinforcement; and Joint ACI-ASCE Committees 352, Joints and Connections in Monolithic

Concrete Structures, and 445, Shear and Torsion.

She is also an active member of *fib*'s Seismic Commission, as well as *fib*'s TGs 4.5, Bond, and 9.3, FRP Reinforcement. For the past 4 years, she has also been a member of the Stability Committee of the *Journal of Engineering Mechanics* of ASCE. She is the author or coauthor of several refereed scientific journal articles and committee documents and the Principal Investigator or Co-Principal Investigator of many funded research programs. In 1998, she was the recipient of ASCE's Moisseiff Award for Notable Contributions to the Science and Art of Civil Engineering.

Her research interests include the mechanics of concrete and concrete structures, seismic design and rehabilitation, and the use of fiber-reinforced polymer (FRP) materials in the repair and strengthening of reinforced concrete structures.

Pantazopoulou received a civil engineering diploma from the National Technical University of Athens, Greece, and an MS degree in civil engineering and a PhD in structural engineering from the University of California at Berkeley, Berkeley, CA.

Conrad Paulson is a Senior Consultant at Wiss, Janney, Elstner Associates, Inc. (WJE), in Chicago, IL, where he has spent 22 of his 25 years in the structural engineering profession. At WJE, he has been involved with hundreds of investigative and research projects. He is recognized as a forensic structural engineer, serving as a contracted investigator to NIST for a visual examination of the steel recovered from the World Trade Center disaster site. He has directed numerous projects involving laboratory tests on reinforcing bars and mechanical splices, encompassing tests on more than 3000 specimens. Internationally, he has performed post-earthquake reconnaissance and seismic structural analysis for the U.S. State Department. He is also highly experienced in the investigation and evaluation of early high-rise buildings with archaic structural systems such as structural clay tile arch, cast iron columns, and early vintage structural steel.

Paulson is a member and Past Chair of ACI Committee 215, Fatigue of Concrete, and Chair of Committee 439, Steel Reinforcement, and ACI Subcommittee 439B, Mechanical Splices. He is also a member of the Committee on Awards for Papers.

Paulson has written numerous technical papers, articles, and presentations on the topics of reinforcing steel, mechanical connections, archaic structural systems, concrete fatigue, and seismic engineering. In the field of seismic engineering, he has edited and contributed to earthquake reconnaissance reports, co-instructs a continuing education course on seismic structural engineering, and has been appointed to an NSF review panel to evaluate proposals submitted in the field of earthquake engineering research.

He received his BSc degree in civil engineering from the Illinois Institute of Technology and his master's degree in engineering from the University of Texas at Austin, Austin, TX. Paulson is licensed as a Structural Engineer in Illinois, a Civil Engineer in California, and a Professional Engineer in several other states.

Award Recipient Biographies

Bruce W. Ramme is Manager—Land Quality, Environmental Department, at We Energies, Milwaukee, WI. He has 28 years of experience as a civil engineer and has written numerous technical reports, papers, and a handbook on coal combustion products utilization.

An ACI member, Ramme is a member of ACI Committees 213, Lightweight Aggregate and Concrete; a member and Past Chair of 229, Controlled Low-Strength Materials; 230, Soil Cement; 232, Fly Ash and Natural Pozzolans in Concrete; and 555, Concrete with Recycled Materials. He is also a member of the ACI Chapter Activities Committee (CAC) and several other professional organizations, including the American Society of Civil Engineers (ASCE) and the National Society of Professional Engineers.

Ramme has received several awards, including the ACI Wisconsin Chapter Orton Spanley Award in 1999 in recognition of his outstanding service to the concrete industry, and the ACI Wisconsin Chapter President Service Award in 1997. He also received the University of Wisconsin-Milwaukee College of Engineering and Applied Science Outstanding Alumni Award in 1999; the Electric Power Research Institute Technology Transfer Award in 2003; the ASCE Wisconsin Chapter Engineer in Private Practice Award in 1997; the ASCE-SE Branch of Wisconsin Section-President Service Award in 1993; and the ASCE Wisconsin Chapter Young Engineer of the Year Award in 1988.

Ramme has also obtained five U.S. patents involving the beneficiation and use of coal combustion products in concrete.

He received a BS degree in engineering in 1976, an MS degree in civil engineering in 1980, and an Executive MBA (EMBA) in 2004 from the University of Wisconsin-Milwaukee, Milwaukee, WI. He is also a licensed Professional Engineer.

Hans W. Reinhardt is a Professor, Dr.-Ing., with the University of Stuttgart, Stuttgart, Germany. He has served as Chair of the Construction Materials Department at the University of Stuttgart and as a member of the Board of Directors of the Materials Testing Institute at the University of Stuttgart Otto-Graf-Institute. He was also a Professor for building materials and building physics at Darmstadt University of Technology, Germany, from 1986 to 1990; Professor and Head of the Stevin Laboratory for concrete structures at Delft University of Technology, Netherlands, from 1975 to 1986; Research Engineer at Otto-Graf-Institute, Stuttgart, Germany, from 1970 to 1975; and Assistant Researcher at the University of Stuttgart from 1964 to 1969.

Reinhardt is a member of ACI Committee 446, Fracture Mechanics, and is also active in RILEM.

He received his degree in civil engineering and his PhD from Stuttgart University, Germany, in 1964 and 1968, respectively. The topic of his doctoral thesis was photoelastic investigation of three-dimensional transient thermal stresses.

Elias Boutros Sayah has been President of the Sayah Engineering Consultancy Bureau (SECB) since 1989. SECB is based in Abu Dhabi, United Arab Emirates

(UAE), and has offices in Qatar, Lebanon, and Washington, DC. The firm provides multidisciplinary consulting services in the civil and structural engineering field, as well as in the architectural and other engineering disciplines. Prior to his present position with SECB, Sayah was General Manager of Gefco, Inc., San Diego, CA, from 1983 to 1989. Sayah is also a founding member and Executive Vice President of the American Business Group of Abu Dhabi.

Sayah is one of the founders of the ACI United Arab Emirates Chapter. He has worked to recruit new members and to involve the industry through various chapter activities. He has also been active as a student advisor in the UAE at the American University of Sharjah, the University of Sharjah, AlAin University, and the Higher College of Technology.

Sayah received a bachelor's degree in civil engineering from San Diego State University, and is registered as a Professional Engineer in the UAE and Lebanon.

Johan L. Silfwerbrand has been President of the Swedish Cement and Concrete Research Institute (CBI) in Stockholm, Sweden, since 2002. He is also a part-time professor in Structural Design and Bridges at the Royal Institute of Technology (KTH) in Stockholm, President of the Swedish Concrete Association, and a Swedish delegate for the International Federation for Structural Concrete (*fib*).

Silfwerbrand is a member of ACI Committees 345, Bridge Construction, Maintenance, and Repair; 546, Repair of Concrete; and the Subcommittee on International Membership. He is also a consulting member of ACI Committee 342, Evaluation of Concrete Bridges and Bridge Elements.

He received the Sigge Thernwall Award for research and development in civil engineering, the Stockholm City Invention Scholarship, and the KTH Award for distinguished contributions within undergraduate education.

Silfwerbrand's research interests include concrete pavements, concrete block pavements, concrete repair, industrial floors, and steel fiber-reinforced concrete structures. In 2000, he organized the International Workshop on Punching Shear Capacity of RC Slabs, cosponsored by ACI.

He received his MSc and PhD at KTH in 1982 and 1987, respectively, and is a visiting scholar at the University of Texas at Austin, Austin, TX, and visiting research associate at the University of Illinois at Urbana-Champaign, Urbana, IL.

Jan P. Skalny is Partner and President of Materials Service Life LLC. Prior to this position, he was a construction materials consultant, past Director of Construction Materials Research of the Washington Research Center of W.R. Grace & Co., and Associate Director of Martin Marietta Laboratories. He is also a past adjunct professor at Johns Hopkins University and the University of Toronto, Toronto, Ontario, Canada.

Skalny is a member of ACI Committees 201, Durability of Concrete, and 231, Properties of Concrete at Early Ages.

He is also a member of ASTM, RILEM, and the Materials Research Society, and is a Fellow of the American Ceramic Society. Skalny is on the Editorial Boards for

Cement & Concrete Research (USA), *Advances in Cement Research* (UK), *Materiales de Construccion* (Spain), *Ceramics* (Czech Republic), and the *Building Research Journal* (Slovakia). He is also a co-editor for the *Materials Science of Concrete* series (12 volumes) published by the American Ceramic Society. He has been published in numerous publications, given lectures, and has held various committee chairmanships.

Skalny received an MS degree in chemical/ceramic engineering in 1958, a PhD in materials/ceramic engineering in 1965, and a post-doctorate fellowship from Clarkson University, Potsdam, NY. He also received an Honorary PhD from Slovak Technical University in 2000.

Leslie J. Struble has been a faculty member in the Department of Civil Engineering at the University of Illinois at Urbana-Champaign (UIUC) since 1989 and currently holds the position of professor. She teaches courses related to concrete science and technology and building materials, and carries out research involving various aspects of concrete performance.

Prior to joining the UIUC faculty, she worked at the National Institute of Standards and Technology (NIST). Prior to that, she was with Martin Marietta Laboratories and at the California Portland Cement Co. (now CalMat Co.). She has also been affiliated with the Center for Advanced Cement-Based Materials since 1989 and served as its Associate Director from 2000 to 2003.

An ACI member since 1991, Struble is a member of ACI Committee 236, Material Science of Concrete. She is also a Fellow of the American Ceramic Society and an Honorary Member of ASTM Committees C01 and C09.

Her research interests include the flow behavior of cement paste and concrete, including specialized materials such as self-consolidating concrete and extruded mortar, and concrete durability.

Struble received a BA degree in chemistry from Pitzer College in 1970, and an MS and PhD in civil engineering from Purdue University, West Lafayette, IN, in 1979 and 1987, respectively.

Patrick J.E. Sullivan is a visiting Professor and Senior Research Fellow at City University, London, and is Principal of Sullivan & Associates consultant structural and forensic engineers. Sullivan is an assessor for the Department of Trade and Industry Technology Innovation program and has been a specialist assessor for the Higher Education Funding Council for England.

He is a member of ACI Committees 120, History of Concrete; 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete; 228, Nondestructive Testing of Concrete; and 355, Anchorage to Concrete.

Prior to his appointment at City University, he worked with consultants and contractors for 10 years, five of which were involved with the development, design, and later construction of the first spherical prestressed concrete nuclear pressure vessel for gas-cooled reactors in the UK.

The next 25 years were spent at Imperial College London, where he taught

postgraduate courses on concrete structures and materials. His research focused on the effects of extreme environments on concrete. In 1974, he founded a commercial laboratory to service his consultant's practice and the civil and structural engineering industries. The company investigated deteriorating buildings and civil engineering structures. In-place, noninvasive testing, in conjunction with load testing on structural members, was carried out, including full-scale testing of survival crafts (covered glass-reinforced plastic [GRP] lifeboats) for offshore structures and oil tankers to resist fuel fires. He has also served as an expert witness on many high-profile litigation cases.

Sullivan is an Associate of the Institute of Arbitrators and a Fellow of the Institute of Structural Engineers, Institution of Civil Engineers and City and Guilds of London, England.

He was educated in architecture at the Royal University of Malta, where he received a Rhodes Scholarship in 1954. He then studied engineering science at Oxford University, Oxford, UK, and took an undergraduate course in concrete technology at Imperial College, where he also received his doctorate.

Jimmie L. Thompson has been a Technical Services Manager for Ash Grove Cement Co., Overland Park, KS, since 1989. He has also served as Research Laboratory Manager and Research Physical Laboratory Manager at Ash Grove.

Thompson is a member of ACI Committees 211, Proportioning Concrete Mixtures; 225, Hydraulic Cements; 325, Concrete Pavements; C 610, Field Technician Certification; C 620, Laboratory Technician Certification; and C 640, Craftsman Certification. Thompson is a charter member and Past President of the ACI Kansas Chapter and participated in the establishment of the Kansas Joint ACI/KRMCA Certification Committee. He also holds ACI chapter memberships in Nebraska and Missouri and started attending ACI national conventions as a company representative in 1970. Thompson is certified as an ACI Concrete Field Testing Technician—Grade I.

He has also received the American Concrete Pavement Association 1999 Marlin J. Kuntson Technical Achievement Award for "Advancing Concrete Pavement Quality through Enhanced Material Design, Teaching and Leadership, and an Unprecedented Personal Commitment to the Concrete Pavement Industry."

His experience includes research, teaching, and technical service in the areas of portland and blended hydraulic cements, lime, aggregates, concrete mixture design, and chemical and mineral admixtures for concrete.

Thompson received a BSc degree in chemistry and biology from Northwestern Oklahoma State College in 1966.

Todd R. Watson has been Manager of Technical Documents, Engineering Department, at the American Concrete Institute since 1995. He helps ACI technical committees produce codes, specifications, standards, reports, guides, and symposium volumes; assists the committees with ACI procedures, such as balloting a document and reaching consensus among the voting members; and

edits many of the ACI documents. He also works closely with the ACI Technical Activities Committee (TAC) and the Standards Board.

He began his career at ACI in 1990 as the Engineering Editor of *Concrete International*. In 1995, he moved to ACI's Engineering Department and began editing technical committee documents, a task that eventually became a requirement of the TAC document review process. In 1997 and 1998, he served as Deputy Manager of Engineering before being appointed to his current position. From 2000 to 2002, he also concurrently served as a Technical Editor for *Concrete International*.

He has been the Secretary of ACI's TAC Specifications Committee since 2001, was the Secretary of the TAC Repair and Rehabilitation Committee from its inception in 1997 to 2001, and was the Secretary for the TAC Metrication Committee in 2004.

Watson attended school on an academic scholarship and received degrees in civil engineering and journalism from Southern Illinois University Edwardsville, Edwardsville, IL.

ARTHUR R. ANDERSON AWARD

Charles W. Dolan is the H. T. Person Professor of Engineering at the University of Wyoming, Laramie, WY, where his teaching emphasis is on undergraduate engineering design.

For 20 years, he served as a consulting engineer with ABAM Engineers in Federal Way, WA. As a consulting engineer, he worked on the design of the Walt Disney World Monorail, the Dallas-Fort Worth airport people mover, the downtown Detroit People Mover, and the Vancouver British Columbia ALRT transit guideway.

An ACI member since 1967 and an ACI Fellow since 1989, Dolan served on the ACI Board of Direction from 1999 to 2002. He is a member and Chair of the ACI Technical Activities Committee Innovation Task Group 5 (TAC-ITG-5), Precast Shear Walls for High Seismic Applications, and ACI Subcommittee 318-G, Precast and Prestressed Concrete. He is also a member of ACI Committees 318, Structural Concrete Building Code; 365, Service Life Prediction; and 440, Fiber Reinforced Polymer Reinforcement, of which he is a founding member. Dolan is also a member of Joint ACI-ASCE Committee 423, Prestressed Concrete, where he served as Chair from 1991-1997. He is a Past Secretary and Past Chair of ACI Committee 358, Concrete Guideways (discharged), and served as Past Chair of TAC from 2000 to 2002.

He is coauthor of the 13th Edition of *Design of Concrete Structures*. His research interests include developing design recommendations for the use of fiber-reinforced polymers for the design and rehabilitation of concrete structures.

Dolan received his PhD in structural engineering from Cornell University, Ithaca, NY, in 1989.

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

Dennis Ahal is Chairman and CEO of Ahal Contracting Co., Inc., a 59-year-old concrete contracting firm in St. Louis, MO. The company has performed work nationally, with primary concentration in the St. Louis area. Ahal has 45 years of experience in the concrete business, serving 23 years as president of Ahal Contracting and 5 years as its Chairman.

Ahal is a member and Secretary of ACI Committee 302, Floor and Slab Construction. He has also served on an ACI Task Group to investigate the feasibility of contractor certification. He is also Past President of the American Society of Concrete Contractors (ASCC) and served as initial cochair of a strategic alliance between the ASCC and the National Ready Mixed Concrete Association. He is a member of the ASCC's Strategic Planning, Membership, and Technical Review Committees.

Ahal is Past President of the Concrete Council of St. Louis. He serves as Chair of the St. Louis Cement Mason Joint Apprenticeship Committee and is a former associate member director of the Associated General Contractors of St. Louis. He is also Past Chair of the Bomanite International Society advisory board. He serves as Chair of the St. Louis Concrete Council Presentation Committee. Ahal has been a speaker at World of Concrete, at a symposium for the Tilt-Up Concrete Association, and for the Missouri Concrete Conference. He also received the St. Louis Concrete Council Award of Honor, which has only been awarded five times.

He attended the University of Missouri at Rolla.

JOE W. KELLY AWARD

David Darwin is the Deane E. Ackers Distinguished Professor of Civil, Environmental, and Architectural Engineering and Director of the Structural Engineering and Materials Laboratory at the University of Kansas (KU), where he has served on the faculty since 1974. He has held the Ackers Chair since 1990. Prior to joining KU, Darwin was an officer in the U.S. Army Corps of Engineers, serving in Vietnam and as an instructor at the Army Engineer School.

An ACI Fellow, Darwin has been an ACI member for 38 years, and is a former member of ACI's Board of Direction, Technical Activities Committee (TAC), and the Concrete Research and Education Foundation (ConREF) Board of Trustees. He is a Past Chair of the Concrete Research Council and the Publications Committee, and is a member and Past Chair of the TAC Technology Transfer Committee and ACI Committee 224, Cracking. He is a member of ACI's Financial Advisory Committee; ACI's Fellows Nomination Committee; and ACI Committees 222, Corrosion of Metals in Concrete; 408, Bond and Development of Reinforcement, where he serves as Chair; and 446, Fracture Mechanics. He is also a member of Joint ACI-ASCE Committees 445, Shear and Torsion, and 447, Finite Element Analysis of Reinforced Concrete. He is a charter member and Past President of the ACI Kansas Chapter.

In 1986, he received ACI's Delmar L. Bloem Distinguished Service Award for his work as Chair of ACI Committee 224. He received the Arthur R. Anderson Award in 1992 for research on plain and reinforced concrete, and the Structural Research Award in 1996 for a paper in the *ACI Structural Journal* on the bond strength of epoxy-coated reinforcement.

Darwin received a BS degree in civil engineering and an MS degree in structural engineering from Cornell University, Ithaca, NY, and a PhD in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL.

HENRY L. KENNEDY AWARD

Jon I. Mullarky is a Senior Project Engineer with Soil and Land Use Technology (SaLUT), Inc., a Beltsville, MD, consulting firm. He is currently a technical consultant to the Federal Highway Administration's Office of Pavement Technology as a member of the Concrete Team. This team is responsible for FHWA's concrete pavement policies, research programs, and technology transfer activities, including the FHWA Mobile Concrete Laboratory. Prior to joining SaLUT, he served on the staff of the National Ready Mixed Concrete Association, where he was responsible for the association's Market Promotion and Engineering activities.

A Fellow of ACI, Mullarky is a member ACI Committees 120, History of Concrete; 211, Proportioning Concrete Mixtures; 325, Concrete Pavements; 330, Concrete Parking Lots and Site Paving; and E 702, Designing Concrete Structures. He is Past Chair of the Educational Activities Committee, and currently serves on the Convention Committee, the International Conferences/Convention Committee, and the Responsibility in Concrete Construction Committee.

He is a frequent contributor to convention programs as both a session moderator and speaker, and is an ACI educational seminar instructor. Mullarky is also a Past President of the ACI National Capital Chapter and is currently a candidate for the ACI Board of Directors.

Mullarky received a BSc degree in civil engineering from Iowa State University and an MSc degree from Ohio State University. He also served in the U.S. Navy and Naval Reserve as an Officer in the Civil Engineer Corps. His assignments included command of the Civil Engineer Corps units and a SEABEE Detachment. He was also a faculty member at the U.S. Naval Academy. He is a registered Professional Engineer in Maryland.

ALFRED E. LINDAU AWARD

The **Texas Department of Transportation** (**TxDOT**) has sponsored research in reinforced concrete design, construction, and materials for decades. TxDOT-sponsored research has established and verified basic design criteria such as minimum percentages of reinforcing steel for columns. It has developed computer programs to help bridge engineers design reinforced concrete bridge pier caps, it has produced alternative designs to conventional vertical shear reinforcement in

concrete beams, and it has investigated design criteria for lightweight structural concrete. Anchorage and development research has developed procedures for designing reinforced concrete using headed reinforcement, and sponsored research has investigated fatigue performance of reinforced concrete slabs subjected to repetitive loading and unloading. Ongoing work is developing improved shear design methodologies for large, heavily loaded, deep structural elements.

Supported research on construction includes investigating the variation in entrained air content of pumped concrete, the use of superplasticizers and supplementary cementitious materials in concrete production, guidelines for hot weather concreting, and improved quality control procedures for concrete production and placement. Ongoing efforts include investigation of the use of liquid nitrogen for cooling schedules for transportation projects, and research into rapid bridge construction techniques, precast bent caps, and totally precast bridge systems.

Supported materials research includes early work in the development of high-performance concrete, use of innovative materials to reduce drying shrinkage cracking, and use of FRP reinforcement. TxDOT has also sponsored groundbreaking research in the prevention and mitigation of premature concrete deterioration due to alkali-silica reaction and delayed ettringite formation. Current materials-related research efforts include a general investigation of the fresh and hardened properties of self-consolidating concrete, development of corrosion performance tests for metallic reinforcing materials, and development of a concrete performance prediction model based on constituent materials, member size, and environmental conditions.

HENRY C. TURNER MEDAL

Neil M. Hawkins is Professor Emeritus of Civil and Environmental Engineering at the University of Illinois at Urbana-Champaign, and an Adjunct Professor of Civil Engineering at the University of Washington, Seattle, WA. He was appointed Chair of Civil Engineering in 1978, and made Associate Dean for Research and Facilities in the College of Engineering in 1986. He moved to the University of Illinois as Head of Civil Engineering in 1991, and retired in 2002.

Hawkins served as a Director of ACI from 1982 to 1985 and is currently a member of ACI Committees 215, Fatigue of Concrete; 318, Structural Concrete Building Code; 318-H, Seismic Provisions; 408, Bond and Development of Reinforcement; 446, Fracture Mechanics, and is Past Chair of 318-E, Shear and Torsion. Hawkins is also a member and Past Chair of Joint ACI-ASCE Committees 445, Shear and Torsion, and 550, Precast Concrete Structures. He is Secretary of ACI's Innovation Task Group 5 on Precast Shear Walls for High Seismic Applications, and is on the ACI Fellows Nomination Committee. He received ACI's Wason Medal for Materials Research in 1970; ACI's Structural Research Award in 1978, 1981, and 1991; and ACI's Joe W. Kelly Award in 1996.

Hawkins served as Director of the Earthquake Engineering Research Institute from 1985 to 1987, as Director of the Post-Tensioning Institute from 1992 to 2000, and is currently a member of the Board of Governors of ASCE's Structural Research Institute. He is a member of the Provisions Update Committee of the Building Seismic Safety Council, where he is responsible for the Task Committee dealing with the provisions for concrete structures. In 2001, the Precast/Prestressed Concrete Institute gave him its Distinguished Educator's Award, and in 2004, it recognized him as a Titan of its industry.

Hawkins received his BSCE degree from the University of Sydney, Australia, in 1957, and his PhD from the University of Illinois in 1961.

CHARLES S. WHITNEY AWARD

The **Norwegian University of Science and Technology (NTNU)**, along with the independent research organization SINTEF, has been actively involved in the research field of concrete technology over the last few decades. The two organizations are located in the same buildings and share the same laboratories, with the personnel often collaborating on projects and co-authoring papers.

The continuous demand for higher quality concrete in offshore platforms and the need to use and document the effects of silica fume were the driving forces behind the increased research in concrete technology in Norway. As a result, several national programs, sponsored by the Norwegian Research Council and the Road Authorities and Industry, were carried out at NTNU.

This model of project organization has been maintained and includes participation in various research programs. The close research cooperation has extended to the standardization of Norwegian Codes. The emphasis of the research has been on new materials and materials combinations, with a focus on production-related properties, such as fresh concrete rheology and crack control during hardening, and durability properties, such as steel corrosion.

CEDRIC WILLSON AWARD

Warren W. Allen, Jr., is currently the Director of St. Louis Steel Casting, Inc., and a consultant for Hydraulic Press Brick Co., St. Louis, MO. Prior to this, he served as President, Vice-President, Manager for the Haydite Division, Sales Manager, and Sales Engineer for Hydraulic Press Brick Co. Allen was also a Sales Engineer for Presstite Engineering Co.

He is Past President of the Expanded Shale, Clay, & Slate Institute and "fire chief" of ESCSI for Underwriter's Laboratories, which conducted fire tests on concrete masonry units, structural concrete floor systems, and metal decks. Allen collaborated with UL in the program that revised UL 618, "Standard for Safety of Concrete Masonry Units," resulting in the recognition of the 9th Edition as a New American National Standard.

Allen is a former member of ACI and is a member of ASTM.

Allen served in the U.S. Army from 1943 to 1946 and received his BS degree in chemical engineering from Washington University in 1948.

ACI DISTINGUISHED ACHIEVEMENT AWARD

Tod Williams is Principal, Tod Williams Billie Tsien Architects, New York, NY. Williams began his career in 1967 working for Richard Meier.

Although not affiliated with any single institution, he has taught for over 30 years, 15 of which were at Cooper Union. His most recent appointments have been at the University of Michigan, Ann Arbor, MI (Eliel Saarinen Chair, 2002); Yale University, New Haven, CT (Louis I. Kahn Chair, 2003, 2005); and the University of Virginia, Charlottesville, VA (Thomas Jefferson Chair, 2004). He received an Advanced Fellowship from the American Academy in Rome in 1982 and became a Fellow of the American Institute of Architecture in 1992.

Williams has received eight national AIA awards. Other noteworthy awards include: the NYCAIA Medal of Honor; the Arnold W. Brunner Memorial Prize from the American Institute of Arts and Letters; the Thomas Jefferson Medal in Architecture from the University of Virginia; the Chrysler Award for Innovation in Design; the Arup Award for the Best Building in the World, 2003; the Brendan Gill Award from the Municipal Art Society; the President's Award from the Architectural League; and the Cooper Hewitt National Design Award in Architecture, 2003.

Williams has published extensively; a monograph entitled *Work/Life* was released in 2000.

Williams received his BA and MFA degrees from Princeton University, Princeton, NJ, in 1965 and 1967, respectively.

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

Oguzhan Bayrak is an Assistant Professor, Department of Civil Engineering, at the University of Texas at Austin, where he teaches reinforced and prestressed concrete design courses at the undergraduate and graduate levels.

Bayrak is a member of ACI Committee 341, Earthquake-Resistant Concrete Bridges, and is Chair of Joint ACI-ASCE Committee 441, Reinforced Concrete Columns. He is also a member of the ACI 318 Task Group on Stress Block Parameters.

His research interests include testing full-scale models of reinforced concrete columns, slab-column joints, reinforced concrete bridge decks, shear-critical reinforced concrete beams, and prestressed concrete beams.

He received his BS degree in civil engineering from the Middle East Technical University, Turkey, and his MSc degree and PhD in structural engineering from the University of Toronto, Ontario, Canada.

Award Recipient Biographies

Keith Kesner is a Project Director at Thornton Tomasetti Group, LZA Technology Division, in New York, NY, where he has worked since September 2004.

Prior to joining LZA, he worked at Cornell University, Ithaca, NY, as an Instructor/ Postdoctoral Researcher in the Civil Engineering Department. At Cornell, he taught courses in structural design and civil engineering materials. In addition to teaching, he was responsible for the design, construction, and proof testing of the reaction wall portion of the Network for Earthquake Engineering Simulation (NEES) facility for lifeline research.

Previously, Kesner held engineering positions with WDP & Associates in Manassas, VA, and Schupack Suarez Engineers in Norwalk, CT. During his time at WDP & Associates, two projects he worked on received the Project of the Year Award from the International Concrete Repair Institute (ICRI).

He is a member of ACI Committees 228, Nondestructive Testing of Concrete, and 364, Rehabilitation. He also served as Chair of the Task Group on the committee document revisions of ACI 228.1R-03, "In-Place Methods to Estimate Concrete Strength."

Kesner received his BS degree from the University of Connecticut, and his MS degree and PhD from Cornell University.

Kari L. Yuers was appointed President and Chief Executive Officer of the Kryton Group of Companies in 2001 after serving the company in a number of capacities, including General Manager and Vice President, Technical Services, for 10 years. She has held key positions in various Kryton divisions since 1991, including manufacturing, research and development, laboratory, and architectural and engineering specifications.

An ACI member, Yuers is a member of ACI Committees 212, Chemical Admixtures; 362, Parking Structures; E 701, Materials for Concrete Construction; and E 702, Designing Concrete Structures. She is also a member of the Educational Activities Committee and the Construction Liaison Committee. In 2003, Yuers served as local Committee Chair of the ACI Spring Convention, held in Vancouver, BC. She has moderated numerous ACI sessions and was invited to speak at the Spring 2000 convention in San Diego on the topic of integral concrete waterproofing.

She was presented with a Chapter Award of Merit for her outstanding contribution toward the improvement of construction specifications in Canada at the 2002 joint Construction Specifications Canada (CSC)–CSI annual convention. In October 2003, Yuers was recognized with an Ernst and Young Entrepreneur of the Year award in the Business-to-Business category. This distinguished award honors Canadian entrepreneurs who have demonstrated excellence, innovation, and personal commitment to their businesses and communities. In 2004, she was presented with a second Award of Merit for her continued efforts and support of CSC.

Yuers is active in a number of industry associations, including CSC, the British Columbia Building Envelope Council, the British Columbia Ready-Mix Concrete Association, the Pacific Northwest Society for Coating Technology, the American Shotcrete Association, and the Vancouver Board of Trade.

Yuers attended the University of British Columbia.

WASON MEDAL FOR MOST MERITORIOUS PAPER

Murat Saatcioglu is a Professor and University Research Chair in the Department of Civil Engineering, University of Ottawa, Ottawa, Canada, where he has been a faculty member for 20 years. He is currently the Vice Dean (Research) of the Faculty of Engineering and the President of the Canadian Association for Earthquake Engineering.

An ACI member, Saatcioglu is a member of ACI Committees 369, Seismic Repair and Rehabilitation; 374, Performance-Based Seismic Design of Concrete Buildings; and E 803, Faculty Network Coordinating Committee; and is a member of Joint ACI-ASCE Committee 441, Reinforced Concrete Columns. He is also a Past Chair of ACI Committee 340, Design Aids for ACI Building Codes.

He is the recipient of numerous awards, including the Raymond C. Reese Research Prize of the American Society of Civil Engineers (ASCE) in 2000; Casimir Gzowski Medal of the Canadian Society for Civil Engineering (CSCE) in 2001 and 2004; the University of Ottawa Award for Excellence in Teaching in 1966; the Lieutenant Governor's Award for Teaching Excellence in 1993; the Ontario Confederation of University Faculty Associations (OCUFA) Teaching Award in 1992; and the Faculty of Engineering's John V. Marsh Award for Excellence in Teaching in 1992. He was also part of a group at the Structural Research Laboratories, Department of Civil Engineering, University of Toronto, whose work led to the ACI Charles S. Whitney Award in 1989.

Saatcioglu is also a member of the Canadian National Committee on Earthquake Engineering and Canadian Standards Association's (CSA) S806-02, FRP Structural Components and Materials for Use in Buildings.

He received a BS degree in civil engineering from the Middle East Technical University, Ankara, Turkey; an MASc degree in structural engineering from the University of Toronto, Toronto, Canada; and a PhD in structural engineering from Northwestern University, Evanston, IL.

ACI CONSTRUCTION PRACTICE AWARD

Markus Wernli is a Senior Project Engineer with BERGER/ABAM Engineers Inc., Federal Way, WA. He has more than 11 years of specialized experience and advanced education and training in the field of structural engineering.

He has worked at several large facilities including the Port of Seattle and the U.S. Navy, and has been recognized in the industry with design and service awards and has received commendations for his work. He is an expert in, and an advocate for, the use of fiber-reinforced polymers (FRP) in infrastructure and has led design seminars in this field in Los Angeles, CA, and Seattle, WA.

Wernli was the design and resident engineer at the Naval Facilities Engineering Service Center (NFESC), Port Hueneme, CA, where he was involved in building a test structure—the first floating double-decked berthing pier using new technology

developed for the Modular Hybrid Pier (MHP) Project for use by the U.S. Navy fleet. As resident engineer for the construction of the MHP Test Bed Structure, Wernli participated in shop drawing development, construction methods development, and in auditing quality assurance activities for this unprecedented prestressed concrete floating structure. Construction included proof of constructibility of new design concepts and the use of special high-durability materials and prestressed lightweight concrete.

An ACI member since 2002, Wernli is an associate member of ACI Committee 440, Fiber Reinforced Polymer Reinforcement.

Wernli received his bachelor's degree in civil engineering from the Swiss Federal Institute of Technology, and his master's degree and PhD in structural engineering from the University of California-San Diego, San Diego, CA. His doctoral emphasis included researching ductile connections for concrete-FRP frame systems. He is also a licensed Professional Engineer.

George E. Warren has been a Research Structural Engineer and Project Leader with the Naval Facilities Engineering Command since 1969, except for a short hiatus in 1975-76 when he was an Associate Professor of structural engineering at Michigan Technological University, Houghton, MI. He also served on the adjunct engineering faculty of the University of California-Los Angeles, Los Angeles, CA, as Professor of Engineering Mechanics and Structures from 1978 to 1988.

Warren is responsible for creating novel structural test methods and metrology, developing and proving unique Navy/Marine structural systems, as well as condition assessment and life extension of existing waterfront structures. In his 35-year Navy career, he validated the double hull structural configuration employed in the Ohio Class submarine and developed lightweight armor for expeditionary shelters, laser-based instruments for measuring dynamic motion of large antenna towers, the impact-load method for strength assessment of waterfront structures, and high-strength composites for external reinforcing of existing concrete structures.

He has been granted patents in optical metrology, waterfront fendering systems, and fuel leak detection systems. The National Society of Professional Engineers selected him one of the 10 best Federal Engineers in 1992 for his role in improving operations over the aging roads, railways, bridges, and waterfront system of the Naval Weapons Station, Earle, NJ, supporting Operation Desert Shield. He earned the Navy Civilian Outstanding Service Medal in 2000 for the development of rapid-load testing hardware and analytical software for condition assessment and life extension of waterfront structures.

Warren has been the Navy's technical leader of the Modular Hybrid Pier Project since 1998, and is responsible for the development, test, and validation of structural configurations, as well as the selection of the construction materials.

He received his BS degree in architectural engineering from the University of Wyoming in 1966, and his MS degree and PhD in structural engineering from Iowa State University, Iowa City, IA, in 1967 and 1969, respectively. He is a registered Professional Civil Engineer in California.

Robert F. Mast is the Senior Principal and Director of Engineering Development at BERGER/ABAM Engineer, Inc., Federal Way, WA. Over his 45-year tenure with the firm and its predecessors, Mast has served in positions ranging from junior engineer to President and Chairman of the Board of Directors.

An ACI member, Mast is a member of ACI Committees 318, Structural Concrete Building Code; 318-F, New Materials, Products, and Ideas; 318-G, Precast and Prestressed Concrete; is an associate member of Committee 376, Concrete Structures for Refrigerated Liquified Gas Containment; and serves on the Concrete Research Council (CRC), the Strategic Development Council (SDC), and the Honors and Awards Committee. Mast also served as ACI President from 1995 to 1996.

He has been recognized for his achievements with the ACI Arthur R. Anderson Award. Additionally, he was recognized by the National Academy of Engineering in 1989; the American Society of Civil Engineers with the T.Y. Lin Award in 1969, 1973, and 2002; the Boase Award in 1997; the OPAL (Outstanding Projects and Leaders) Award for Design; the Engineer of the Year Award in 2000 by the Consulting Engineers Council of Washington; and by the Precast/Prestressed Concrete Institute (PCI) with the Medal of Honor in 2001, the Martin P. Korn Award in 1992 and 2001, and the Charles C. Zollman Award in 2002.

Mast received a bachelor's degree in architectural engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1957 and served in the U.S. Army.

WASON MEDAL FOR MATERIALS RESEARCH

Byung Hwan Oh is currently a Professor of Civil Engineering at Seoul National University in Seoul, Korea, and has been a professor for more than 22 years. Oh has contributed to reinforced and prestressed concrete research and education for more than 30 years.

Oh has received many awards, including the ACI/CANMET International Award for his outstanding contribution in concrete technology at the Fifth ACI/CANMET International Conference in July 2001, and the Most Meritorious Paper Award from the Korea Concrete Institute (KCI) in 1993 and 2002; from the Korean Society of Civil Engineers (KSCE) in 1986 and 2000; and from the Korea Union of Science and Technology Society in 1992 and 1998. He also received the Song San Award and Medal from the Korean Society of Civil Engineers (KSCE) for outstanding academic research in September 2002.

Oh served as Vice President of the ACI Korea Chapter from 1993 to 1994. He also served as the Editor-In-Chief of the KCI Journal and was the President of the Korea Institute of Structural Maintenance Inspection. Oh is currently the Vice President of the Korea Concrete Institute (KCI). He successfully completed the Chairmanship of the ACI-sponsored CONSEC'04 International Conference held in June 2004, and is President-elect for the International Association for Fracture Mechanics of Concrete Structures (IAFraMCos), founded in 1992. He has served

as an author and reviewer and has published over 200 papers in ACI, ASCE, and other journals.

Oh received his BS and MS degrees from Seoul National University in 1973 and 1979, respectively, and his PhD in concrete structures from Northwestern University, Evanston, IL, in 1982.

Soo Won Cha is a Research Professor of BK21 Research Division for Social Infrastructure and Construction Technology at the Seoul National University, Seoul, Korea. He has worked in the area of concrete materials research for 14 years.

Cha received the Best Paper Award from the Korea Concrete Institute (KCI) in 2001. His research interests include the analysis of thermal and shrinkage stresses in early-age concrete and mass concrete structures and prediction of long-term durability.

Cha received a BS degree in civil engineering in 1991, and his MS degree and PhD in concrete structures from Seoul National University in 1993 and 1999, respectively.

ACI STRUCTURAL RESEARCH AWARD

Robert W. Barnes has been an Assistant Professor in the Department of Civil Engineering at Auburn University, Auburn, AL, for the past 5 years. Twice selected by students as the department's Outstanding Faculty Member, he teaches undergraduate and graduate courses in reinforced and prestressed concrete design. He also serves as the faculty advisor for Auburn's Chi Epsilon chapter.

An ACI member, Barnes is Secretary of Joint ACI-ASCE Committee 445, Shear and Torsion, and a member of ACI Committee 408, Bond and Development of Reinforcement, and Joint ACI-ASCE Committee 423, Prestressed Concrete.

His research interests include the behavior of prestressed structures constructed with self-consolidating concrete and the repair and strengthening of structural concrete using externally bonded fiber-reinforced polymer reinforcement.

Barnes received his BCE degree from the Georgia Institute of Technology in 1993, and his MSE degree and PhD from the University of Texas at Austin, Austin, TX, in 1996 and 2000, respectively. He is a licensed Professional Engineer in Alabama.

John W. Grove is a bridge engineer with T.Y. Lin International in Alexandria, VA, where he has been employed since 1998.

Grove has been a member of ACI since 1998.

He received his BSCE and BSAE degrees from Drexel University, Philadelphia, PA, in 1996, and an MSE degree from the University of Texas at Austin, Austin, TX, in 1998. He is a registered Professional Engineer in Virginia.

Ned H. Burns is the Zarrow Centennial Professor Emeritus in the Department of Civil Engineering at the University of Texas at Austin, Austin, TX. He has served on the faculty, in various positions, for the past 40 years, receiving many awards from the university for his achievements.

An ACI Fellow since 1977, Burns is a member and Past Chair of Joint ACI-ASCE Committee 423, Prestressed Concrete. He was also on the ACI Board of Directors from 1983 to 1986, and is past Chair of the ACI Publications Committee. Burns received the ACI Joe W. Kelly Award in 1990.

Burns received BS and MS degrees in architectural engineering from the University of Texas in 1954 and 1958, respectively, and a PhD in civil engineering from the University of Illinois in 1962.

ACI DESIGN PRACTICE AWARD

Dimitrios D. Theodorakopoulos has been a faculty member and Director of the Transportation Works Laboratory in the Civil Engineering Department at the University of Patras, Greece, since 1982 and 1994, respectively.

He has published numerous papers in refereed journal and conference proceedings. His research interests include the structural behavior of fiber-reinforced normal-weight and lightweight concrete structures, the dynamic response of poroelastic plates and road pavements under moving load, pavement materials, and transportation infrastructure maintenance and management.

Theodorakopoulos received his diploma in civil engineering from the National Technical University of Athens in 1971, and his Master of Science and PhD from the University of Sheffield, UK, in 1977 and 1981, respectively.

Ramnath Narayan Swamy is currently Professor Emeritus in the Department of Mechanical Engineering at the University of Sheffield, England. Prior to joining the University of Sheffield in 1967, he lectured at the Ahmadu Bello University in Nigeria and the University of Leicester in England. Swamy has been involved in teaching, research, design, and consultancy for over 40 years.

He is a member of ACI Committee 549, Thin Reinforced Cementitious Products and Ferrocement. He also organized a technical session in Washington, D.C. in March 1992, which resulted in ACI SP-165, *Repair and Strengthening of Concrete Members with Adhesive Bonded Plates*.

Swamy has received many research awards, including the ACI Design Award, the Concrete Research Council's Robert E. Philleo Award for Advancement of Concrete Technology, the ICE George Stephenson Gold Medal, and the Construction Institute/ASCE Best Paper Award for developing a new design criterion for plate bonding.

His research activities encompass a wide range of interrelated and interdependent topics concerned with concrete materials, concrete structures, and their interactive performance in real environments, design, and construction. The focus of his research/lecture activities has been technology transfer, holistic design and design for durability, and environment and sustainability.

Swamy received bachelor's, master's, and doctorate degrees from the University of Sheffield.

DELMAR L. BLOEM AWARD FOR DISTINGUISHED SERVICE

Florian G. Barth is founder, past president, and principal consultant of FBA, Inc., a structural engineering firm specializing in concrete structures, with offices in the San Francisco Bay area, Sacramento, and Orange County, CA. He is a professional engineer with over 27 years of experience, having analyzed, designed, and evaluated over 700 prestressed concrete structures.

A Fellow of ACI, Barth is Secretary of ACI Committee 224, Cracking; a member of 314, Simplified Design of Concrete Buildings; 318, Structural Concrete Building Code; 318-A, General, Concrete, and Construction; 318-G, Precast and Prestressed Concrete; and Joint ACI-ASCE Committee 423, Prestressed Concrete. He is also a member of the Technical Activities Committee (TAC), the Board Committee on International Relations, the Marketing Committee, the Responsibility in Concrete Construction Committee, and the Financial Advisory Committee. Barth served as Past President and former Director of the Northern California and Western Nevada Chapter from 1993 to 1997. He also served as Past Chair of the Technical Committee (Local Chapter) from 1991 to 1993. Barth was on the ACI Board of Directors from 2000 to 2003, and was Past Chair of Committee 556, Concrete Demolition. Barth is also an active member and Fellow of the Post-Tensioning Institute (PTI), having served as faculty on many national PTI seminars, and is currently Chair of the Technical Advisory Board.

Barth is the recipient of the 1996 ACI Concrete Construction Award for outstanding contribution to the concrete industry; the "Recognition for Meritorious Civic Services" award presented by the Mayor of San Francisco; and the "Certificate of Merit for Outstanding Services" award from the Mayor of New Orleans.

Barth received the equivalent of bachelor's and master's degrees in structural engineering from Karlsruhe University in Germany, and a master's degree in architecture from California State University, San Luis Obispo, CA. He is a licensed engineer in most western states.

J. Edward Sauter is a partner in the firm of Sauter-Baty Associates (SBA), an association management firm in Mount Vernon, IA. Prior to his current position, Sauter was Chief Executive Officer of Composite Technologies Corp. (CTC) from 1986 to 1992.

Sauter serves on ACI Committee 551, Tilt-Up Concrete Construction, and is a member and Past Chair of ACI Committees C 650, Tilt-Up Constructor Certification and 332, Residential Concrete Work.

Sauter is the Executive Director of the Tilt-Up Concrete Association (TCA) and the Concrete Foundations Association (CFA). He has authored numerous articles on tilt-up design and construction and has conducted seminars and lectures on tilt-up and energy efficient construction at numerous venues, including World of Concrete. Sauter also conducts educational seminars for the CFA and one of its affiliates, the Concrete Homes Council. Venues for seminars include the International

Builders Show, the NAHB University of Housing, and World of Concrete. He is a member of the National Steering Committee for the Concrete Industry Management program at Middle Tennessee State University and a trustee for the Building Systems Council of the National Association of Home Builders. Sauter is Chair of the Mount Vernon Historic Preservation Commission and is a member of the city's Building Code Board of Appeals. Sauter is also a member of the American Institute of Architects.

He received his bachelor's degree in architecture from Iowa State University in 1972. Sauter is a registered architect and is certified by the National Council of Architectural Registration Board.

Albert O. Kaeding is Vice President of Engineering for CDR Systems Corp., Ormond Beach, FL, a national precaster of polymer concrete structures, where he has been responsible for product, facilities, and equipment design for the past 16 years. He has more than 30 years of experience in the design of precast polymer concrete structures and with polymer concrete mixture design.

Prior to joining CDR Systems Corp., he was Vice President of Engineering for Quazite Corp., Houston, TX; Vice President of Engineering for Power & Communication Systems Corp., San Jose, CA; a principal in Polymer Concrete Research, Inc.; and Vice President of Breyer-Nermyr & Associates, Consulting Engineers, Fargo, ND.

An ACI member since 1970, Kaeding is a member and Past Chair of ACI Committee 548, Polymers in Concrete. He is also a member of ASTM and the Transportation Research Board Committee on Polymer Concrete, Adhesives, and Sealers.

He has published papers on the use of polymer impregnation to restore a building; the technology transfer for high temperature, high-pressure polymer concrete pipe lining procedures; the design and specification of polymer concrete structures; and the application of polymer concrete. In addition, he has presented papers at several International Congresses on Polymers in Concrete, World of Concrete, the Transportation Research Board, and at a National Association of Corrosion Engineers meeting. He also served as session chair at an International Congress on Polymers in Concrete and at several ACI convention technical sessions, and has served as an instructor on the uses of polymer concrete at World of Concrete.

Kaeding was educated at North Dakota State University, Fargo, ND, and is currently a licensed Professional Engineer in Florida and North Dakota.

CHAPTER ACTIVITIES AWARD—DOMESTIC

Frank A. Kozeliski is the President and Materials Engineer of Gallup Sand & Gravel Co. in Gallup, NM, and has been with the company since 1976. Prior to this, he worked for Law Engineering Testing Co. in Birmingham, AL.

He is a Fellow of ACI and a member of ACI Committees 229, Controlled Low-Strength Materials; 305, Hot Weather Concreting; 308, Curing Concrete; 330, Concrete Parking Lots and Site Paving; E 801, Student Activities; E 802, Teaching Methods and Educational Materials; and is Chair of 211, Proportioning Concrete Mixtures. He is Past President and Past Director of ACI's New Mexico Chapter.

Kozeliski is a professional member of the American Society of Civil Engineers (ASCE), ASTM International, and the National Society of Professional Engineers. He has published articles in the ACI journals and *Concrete Construction* magazine. He is an examiner/trainer for ACI's Field Technicians Grade Certification.

Kozeliski received his bachelor's and master's degrees in civil engineering from New Mexico State University in Las Cruces, NM, in 1969, and is a registered Professional Engineer in Alabama, Texas, and New Mexico.

CHAPTER ACTIVITIES AWARD—INTERNATIONAL

Mohamed Nasser A.N. Darwish is Professor of Structural Engineering at the Faculty of Engineering, Alexandria University, Alexandria, Egypt, where he has been a faculty member since 1977. In addition, he is a practicing professional civil engineer, designer, and structural consultant with 25 years of practical experience. He is also Principal of Darwish Consulting Office, a registered consulting office.

He has designed, supervised, and consulted for several engineering projects and structures. He is also a registered licensed engineering insurance Inspection Expert, real estate Appraiser, and a registered Arbitrator.

An ACI member since 1984, he was elected a Fellow in 2004. He is a member of ACI Committee 325, Concrete Pavements, and a former member of the ACI International Committee and the ACI Chapter Activities Committee (CAC). In 1989, he founded, and was organizing Chair of the ACI Egypt Chapter. Darwish is also a member of the Egyptian Society of Engineers, and a member, founder, and General Secretary of the Egyptian Concrete Society.

He is an appointed member of several engineering committees, including the Egyptian Permanent Code Committee for Concrete Structures, the Code Committee for Advanced Composite Materials for Structural Applications, Cochairman of the Code Subcommittee on Fiber-Reinforced Polymer (FRP) Bars in Structures, and a technical reviewer for several journals, conferences, and selection committees.

He has authored more than 160 technical reports on buildings, structures, and construction projects, and approximately 48 technical research and scientific papers dealing with concrete pavements, slabs-on-grade, high-strength concrete, code provisions, repair and rehabilitation, and FRP applications. As a recognized concrete expert, he has participated in local and international conferences, where several times he was invited to be session chair. In 1995, he received the Alexandria University Scientific Award.

Darwish received his BSc and MSc degrees from Alexandria University, and his PhD from Cornell University, Ithaca, NY.

WALTER P. MOORE, JR., FACULTY ACHIEVEMENT AWARD

Kimberly E. Kurtis is an Assistant Professor in the School of Civil and Environmental Engineering at Georgia Institute of Technology in Atlanta, Ga. She has made undergraduate involvement in research a priority, inviting over 30 undergraduates into her research group over the past 5 years. Prior to this, during her final year of graduate work, she became involved in rigid pavement research and was employed as a Graduate Research Assistant by the Institute for Transportation Studies in Richmond, CA.

Kurtis is a member of ACI Committee 201, Durability of Concrete; is Secretary of 236, Materials Science of Concrete; and is member and Past Chair of E 802, Teaching Methods and Educational Materials. Kurtis also currently serves on the Program Committee for the American Ceramic Society's Cements Division, and is a member of the Transportation Research Board Committee AFN30, Durability of Concrete. She has been Associate Editor of the *ASCE Journal of Materials in Civil Engineering* since 2000 and is on the Editorial Board of *Cement and Concrete Composites*. She received the School of Civil and Environmental Engineering's Innovation Award in 2002, the Outstanding Undergraduate Research Mentor Award in 2004, and is to be awarded ASCE's Outstanding Faculty of the Year Award (2003-2004) by the Georgia Institute of Technology student chapter. Her research interests include construction materials and microstructure and durability of cement-based materials.

Kurtis received her BSE degree in civil engineering *summa cum laude* from Tulane University in 1994. She received her MS and PhD in civil engineering in 1995 and 1998, respectively, with an emphasis in materials and minors in engineering management and mechanical engineering from the University of California, Berkeley, Berkeley, CA.

CONCRETE RESEARCH COUNCIL ARTHUR J. BOASE AWARD

Neil M. Hawkins see page 53 for bio.

CONCRETE RESEARCH COUNCIL ROBERT E. PHILLEO AWARD

Kenneth C. Hover is a Professor of Civil and Environmental Engineering, Cornell University, Ithaca, NY, where he has served in this capacity since 1992. He also serves as Coordinator, Structures & Geotech Group, Civil & Environmental Engineering, and Weiss Presidential Fellow since 2001 and 2000, respectively; and was an Associate Professor of Civil and Environmental Engineering from 1982-1992; Associate Dean for Undergraduate Programs, College of Engineering, from 1996-1999; and Exxon Teaching Fellow from 1982-1984.

Prior to that, he worked as a Designer, Partner, and Manager at THP Ltd. Structural Engineers from 1977-1982; was involved in short assignments for the North Central Division of the U.S. Army Corps of Engineers and the Federal Emergency Management Agency (FEMA) in Chicago as part of the United States Army Reserve from 1982-1983; was with the 15th Combat Engineer Battalion, U.S. Army Corps of Engineers, from 1974-1977; and filled various positions with Dugan & Meyers Construction Co., a general contractor in Cincinnati, OH, from 1968-1974.

An ACI member, Hover served as a member of the ACI Board of Direction from 2000-2003 and is a member of the ACI Technology Advisory Committee, and ACI Committees 305, Hot Weather Concreting; 306, Cold Weather Concreting; 308, Curing Concrete, and served as Past Chair; 309, Consolidation of Concrete; 318, Structural Concrete Building Code; 318-A, General, Concrete, and Construction; 318-C, Safety, Serviceability, and Analysis; 318-S, Spanish Language Translation; 318-WA, Workshop Attendees; E 803, Faculty Network Coordinating Committee; and E 903, Convention Training. He received the ACI Joe W. Kelly Award in 2001 and was a co-recipient of the ACI Structural Research Award in 1993. In 1992, he received the ASCE Best Basic Research Prize.

He is Past Chair of the ad-hoc Board Committee on Improving the Quality of Convention Sessions and a former member of ACI's TAC High-Performance Concrete Committee (discharged); the Concrete Research Council (CRC); and ACI Committees 201, Durability of Concrete; 222, Corrosion of Metals in Concrete; 225, Hydraulic Cements; 231, Properties of Concrete at Early Ages; 309, Consolidation of Concrete; and E 903, Convention Training.

He also served as a Board member, Vice President, and President of the ACI Greater Miami Valley Chapter. Hover has made approximately 100 presentations at ACI symposia, local chapter meetings, and seminars. In addition, he has authored numerous technical articles for ACI publications, as well as 125 technical publications on concrete-related topics, including air-entrained concrete corrosion of reinforcing steel, hot and cold weather concrete construction, curing and evaporation, and quality control. He is the co-author of the National Highway Institute 5-day short course on Highway Materials Portland Cement Concrete, as well as a course developer and instructor for the Federal Highway Administration, Design of Portland Cement Concrete Mixtures.

Hover received BS and MS degrees in civil engineering from the University of Cincinnati in Cincinnati, OH, and a PhD in structural engineering from Cornell University.

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