Table of Contents

List of Awards 2-3

Honorary Members 4-8

Fellows 9-15

50-Year Membership Citations 16-17

Photos of Awards 18-19

Award Citations 20-37

Chapter Awards—Citations of Excellence 38

Award Recipient Biographies 39-68

Index 69-72

Awards

HONORARY MEMBERSHIP

Carl Bimel
P. Kumar Mehta
Ramnath Narayan Swamy
Richard N. White

FELLOWS

Perry Adebar
Peter Barlow
P.A. Muhammed Basheer
George F. Baty
Raúl D. Bertero
Sarah L. Billington
Joseph M. Bracci
Dean A. Browning
Mark A. Cheek
Marvin E. Criswell
Laurel M. Dovich
Alejandro Durán-Herrera
Lennart G. Elfgren
D. Kirk Harman
Geoffrey D. Hichborn, Sr.
G.P. "Jum" Horst
Tarif M. Jaber
Neven Krstulovic-Opara
Robert V. Lopez
Amir Mirmiran
Theodore L. Neff
Jerry Parnes
Enrique Pasquel
Maria Anna Polak
Margaret Hanson Reed
Roy H. Reiterman
John P. Ries
Guillermo Santana
Michael J. Schneider
Bozidar Stojadinovic
Michael D. A. Thomas
Rajalingam Valluvan
Bradley K. Violetta
George R. Wargo
Sam X. Yao

50-YEAR MEMBERSHIP CITATIONS

Richard O. Albright
Gilbert H. Beguin
Joseph A. Dobrowolski*
Sergio Gonzalez-Karg
German R. Gurfinkel
Mary K. Hurd
Thomas W. Joy
Robert G. Kennerly, Sr.
James G. MacGregor
Walter G.J. Ryan
Raymond J. Schutz
Paul Zia

ARTHUR R. ANDERSON AWARD

Ned H. Burns

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

Kenneth L. Beaudoin

JOE W. KELLY AWARD

Julio A. Ramirez

HENRY L. KENNEDY AWARD

Sharon L. Wood

ALFRED E. LINDAU AWARD

Harold R. Sandberg

HENRY C. TURNER MEDAL

Randall W. Poston

*deceased

CHARLES S. WHITNEY AWARD
Structural Preservation Systems

ACI CERTIFICATION AWARD
E.W. Geiger, III • Merlin J. "Red" Holland • John T. Paxton

ACI DISTINGUISHED ACHIEVEMENT AWARD
Carolinas Ready Mixed Concrete Association

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT
James H. Hanson • Gustavo José Parra-Montesinos

WASON MEDAL FOR MOST MERITORIOUS PAPER
Eric M. Hines • Frieder Seible

ACI CONSTRUCTION AWARD
Patrick J. Harrison

WASON MEDAL FOR MATERIALS RESEARCH
Anton K. Schindler

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH
Eric M. Hines • José I. Restrepo • Frieder Seible

ACI DESIGN AWARD
Evan Bentz • Michael P. Collins • Adam Lubell • Ted Sherwood

DELMAR L. BLOEM AWARD FOR DISTINGUISHED SERVICE
Ronald A. Cook • Mary K. Hurd • W. Calvin McCall • Eldon G. Tipping

CHAPTER ACTIVITIES AWARD
Abdeldjelil "DJ" Belarbi • Robert L. Henry • Mohan A. Jacob • Antonio Nanni

WALTER P. MOORE, JR., FACULTY ACHIEVEMENT AWARD
John J. Myers

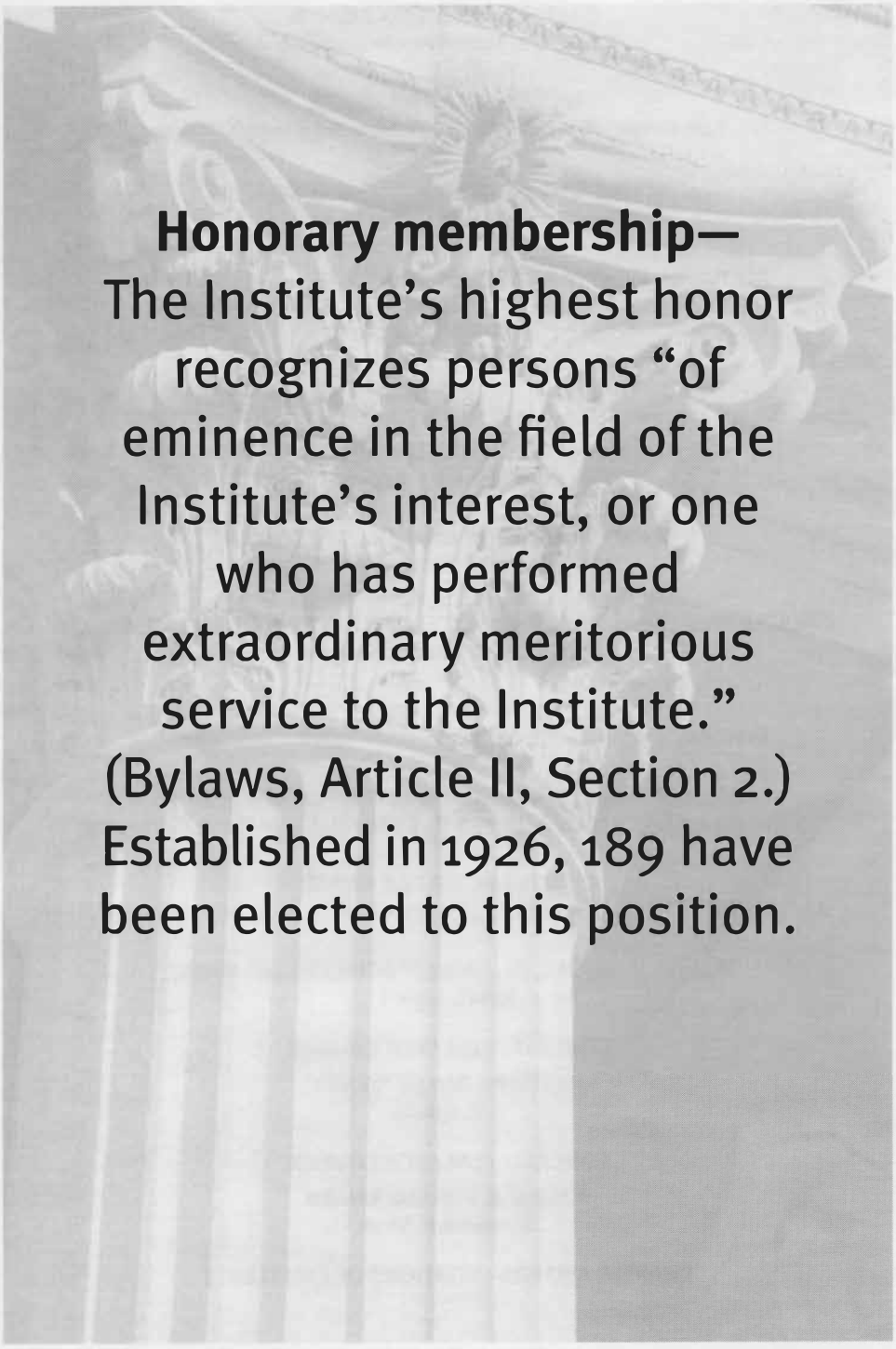
CONCRETE RESEARCH COUNCIL

ARTHUR J. BOASE AWARD
S.K. Ghosh

CONCRETE RESEARCH COUNCIL

ROBERT E. PHILLEO AWARD
Surendra P. Shah

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, 189 have been elected to this position.

"for his outstanding contributions to ACI and the concrete construction industry"

Carl Bimel

Carl Bimel retired in 2004 after 45 years as a business owner and consultant.

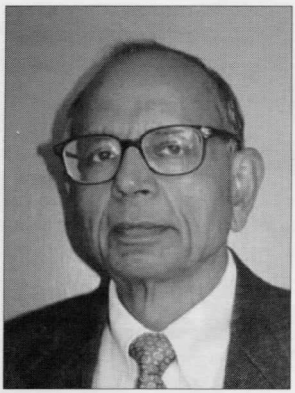
After serving in WWII for 3-1/2 years, Bimel left his family's business and eventually became the owner of a small company (four men and a secretary) committed to the promotion and sale of one product—a premixed, non-metallic aggregate concrete floor hardener called MAXIMENT.

Due to limited personnel and capital, the company focused on selected industries that were building new facilities and on the architects/engineers who worked with them, as well as on general contractors who were interested and capable of doing their own concrete work.

After Master Builders acquired MAXIMENT, Bimel did some consulting work for them, as well as Iron Mountain Trap Rock, and also worked on legal depositions for concrete contractors. In the past 20 years, Bimel has consulted for a concrete finishing contractor who was one of his first customers—Baker Concrete Construction, Inc. He feels fortunate to have gotten to know many wonderful people over the years. An ACI Fellow since 1994, he is a member and Past Chair (1992-1998) of ACI Committee 302, Construction of Concrete Floors, and is a member of ACI Committees 223, Shrinkage-Compensating Concrete, and 360, Design of Slabs on Ground. Bimel devoted considerable time to working on a number of ACI technical committees and several very revealing in-field evaluation tests in the finishing of concrete.

Bimel graduated from Purdue University in 1942. He and his "young wife" have been together for 60 years.

Honorary Members



P. Kumar Mehta

"for dedicated teaching and research in concrete materials and technology that have resulted in increased use of supplementary cementitious materials, especially high-volume fly ash concrete; and for leading the concrete industry toward more sustainable concrete structures"

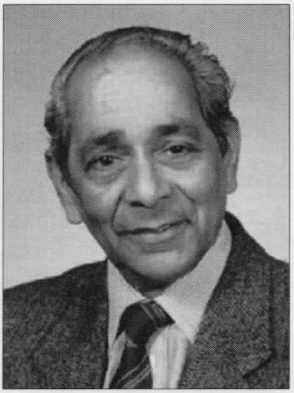
P. Kumar Mehta is Professor Emeritus in Civil and Environmental Engineering at the University of California at Berkeley, Berkeley, CA. He retired in 1993 after 30 years of teaching and research in concrete technology.

Mehta is Past Chair of the ACI Commemorative Lectures Series Committee and is a member of the ACI Board Advisory Committee on Sustainable Development and ACI Committee 232, Fly Ash and Natural Pozzolans in Concrete. He received the ACI Wason Medal for Materials Research in 1988, the ACI Construction Practice Award in 1999, an ACI/CANMET award for outstanding contributions to knowledge and understanding of physical-chemical factors influencing the performance of concrete in marine environments, and an ACI/CANMET award for research contributions to supplementary cementing materials. At the ACI Fall 2001 Convention, he delivered the Lewis H. Tuthill Commemorative Lecture. Mehta was also awarded the Berkeley Citation by the University of California at Berkeley upon his retirement, the highest campus honor for his contributions to his field and to the university.

He holds nine patents in the area of cement and concrete technology, and is the author or coauthor of nearly 250 scientific papers and four books including a popular university text: *CONCRETE—Microstructure, Properties, and Materials*. The book has been translated into Chinese, Japanese, Spanish, Portugese, and Persian. An updated edition of this book (coauthor P.J.M. Monteiro), containing several topics of interest in modern concrete technology, was recently published.

Mehta received his undergraduate degree in chemical engineering from the University of Delhi, India; his master's degree in ceramic engineering from North Carolina State University, Raleigh, NC; and his doctorate degree in material science and engineering from the University of California at Berkeley.

"for contributing to both structural and materials engineering through teaching and research for nearly 50 years; for supervising more than 100 PhD students; and for extraordinary service to ACI, RILEM, and The Concrete Society"



Ramnath Narayan Swamy

Ramnath Narayan Swamy is Professor Emeritus, Department of Mechanical Engineering, at the University of Sheffield, England. He has been involved in teaching, research, design, and consultancy for about 45 years.

An ACI member, he has served on several ACI committees, and is currently a member of ACI Committee 549, Thin Reinforced Cementitious Products and Ferrocement. He has earned many awards, including the ACI Design Practice Award in 2005, the ACI Concrete Research Council's Robert E. Philleo Award, the ICE (UK) George Stephenson Gold Medal, and the Construction Institute/ASCE Best Paper Award for developing a new design criterion for plate bonding. In March 1992, Swamy organized a technical session at the ACI Convention in Washington, DC, that resulted in the publication of ACI SP-165, *Repair and Strengthening of Concrete Members with Adhesive Bonded Plates*.

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

He has guided and trained over 100 doctorate students from all over the world, leading to the publication of over 200 refereed papers. In addition, Swamy has edited a series of books on concrete technology and design and many international conference proceedings. He is the Founding Editor of the journal *Cement and Concrete Composites*, of which he has been Editor for 27 years. He has been the Chairperson of the Yorkshire (UK) Chapters of the Concrete Society, the Institution of Civil Engineers, and the Institution of Structural Engineers. As Secretary and then Chairperson, he was closely associated with the work of the RILEM (Paris) Committee on fiber concrete for about two decades.

He received a BEng degree in civil and structural engineering from Annamalai University, Tamil Nadu, India, in 1950, and his MEng and PhD from Sheffield University, Sheffield, UK, in 1956 and 1959, respectively.

Honorary Members

Richard N. White

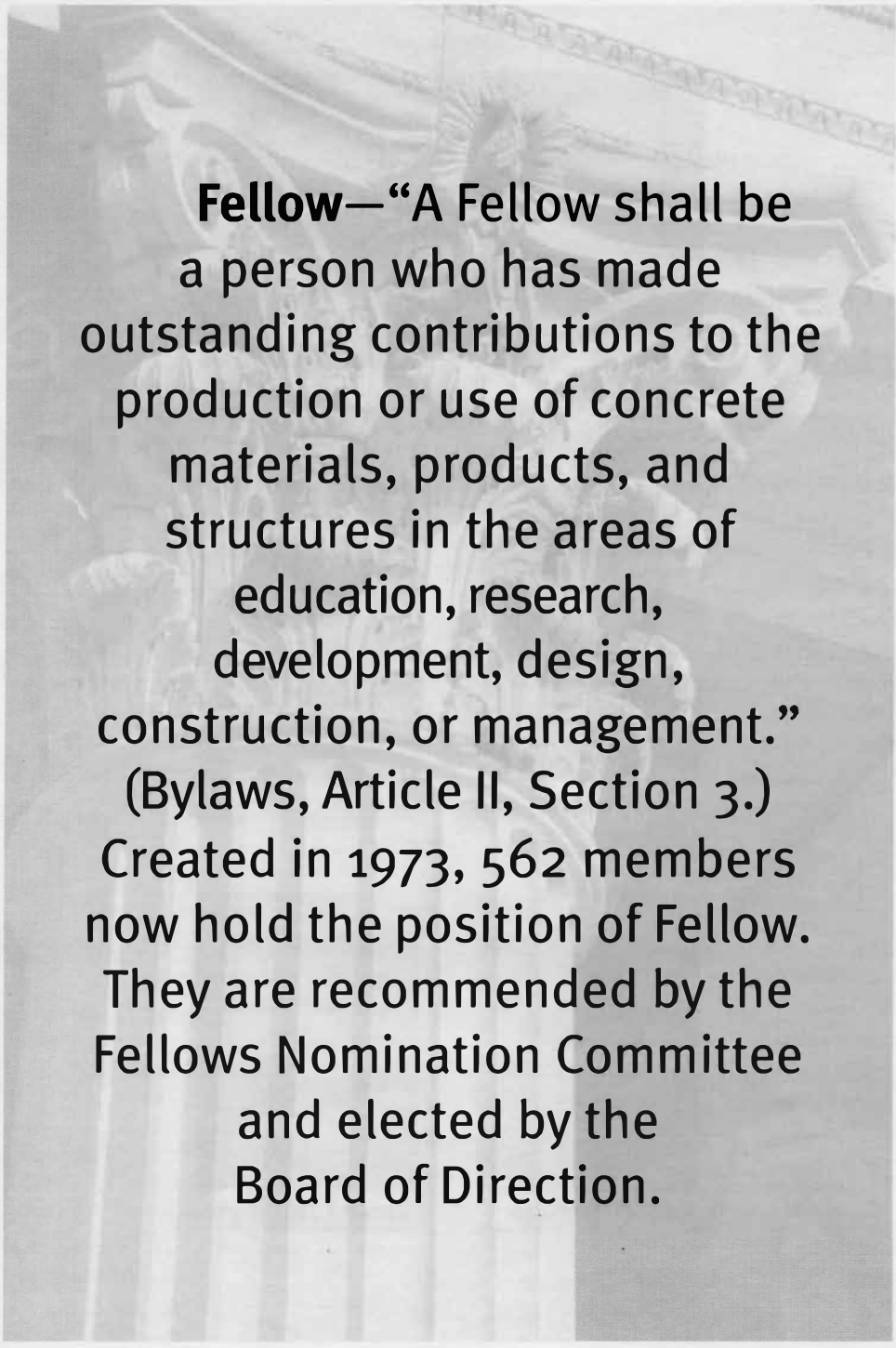
"for his lifetime dedication to promoting innovative teaching methods, experimental research and developing knowledge in concrete and for his dedication and friendship to thousands of students and colleagues at Cornell University and the American Concrete Institute"

Richard N. White retired from Cornell University in 1999, where he was named the James A. Friend Professor of Engineering in 1987.

An ACI member since 1957, White was elected ACI Vice-President in 1995, served as ACI President from 1997-1998, and was Chair of the Standards Board from 2002 to 2005. He is a founding member and Past Chair of ACI Committee 444, Experimental Analysis for Concrete Structures, and is a member of ACI Committees E 602, Electronic Delivery Oversight; 335, Composite and Hybrid Structures; and the International Membership Subcommittee. He is also a member and Past Chair of the ACI Technical Activities Committee Technology Transfer Committee (TTTC) and was a member of the Technical Activities Committee (TAC) for 8 years and served as Chair from 1991 to 1994. He is a past member of several ACI committees including 349, Concrete Nuclear Structures, and 369, Seismic Repair and Rehabilitation, and Joint ACI-ASME Committee, 359, Concrete Components for Nuclear Reactors. White received the ACI Joe W. Kelly Award in 1992 and was the co-recipient of the ACI Wason Medal for Most Meritorious Paper and the ACI Structural Research Award in 1993 and 1994, respectively.

He was elected to membership in the National Academy of Engineering in 1992 and to Honorary Membership in the American Society of Civil Engineers (ASCE) in 2002. He received the ASCE Collingwood Prize in 1962.

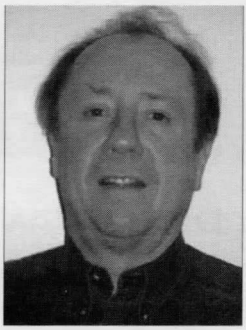
White received three civil engineering degrees, including his PhD in 1961, from the University of Wisconsin-Madison, WI. In 1994, he received the University of Wisconsin Distinguished Service Citation.



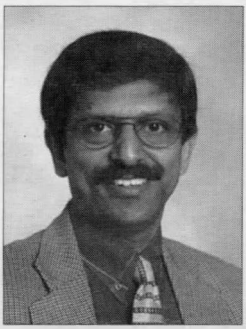
Fellow—"A Fellow shall be a person who has made outstanding contributions to the production or use of concrete materials, products, and structures in the areas of education, research, development, design, construction, or management." (Bylaws, Article II, Section 3.) Created in 1973, 562 members now hold the position of Fellow. They are recommended by the Fellows Nomination Committee and elected by the Board of Direction.

Fellows

Perry Adebar



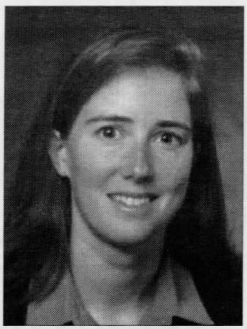
Peter Barlow



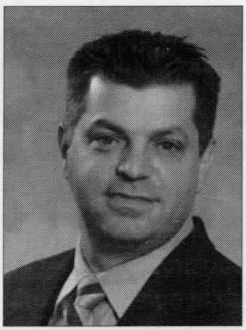
P. A. Muhammed Basheer

George F. Baty

Raúl D. Bertero



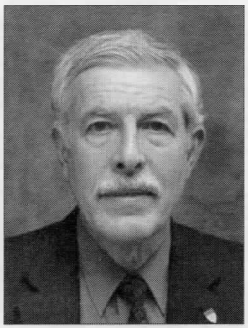
Sarah L. Billington



Joseph M. Bracci

Dean A. Browning

Mark A. Cheek

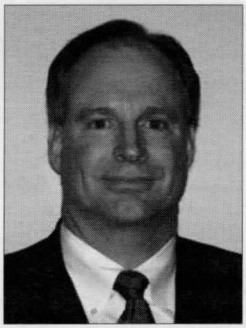


Marvin E. Criswell

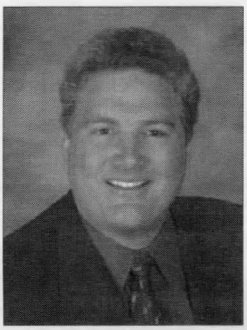
Laurel M. Dovich

Alejandro Durán-Herrera

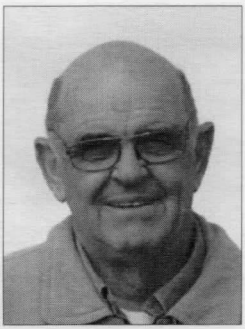
Lennart G. Elfgren



D. Kirk Harman



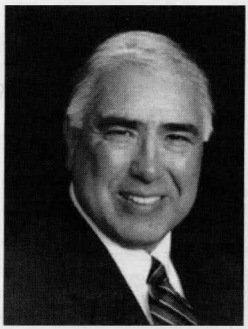
Geoffrey D. Hichborn, Sr.



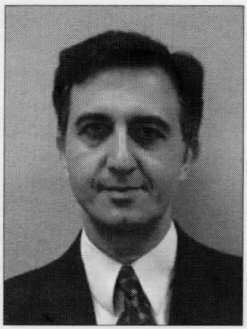
G.P. "Jum" Horst

Tarif M. Jaber

Neven Krstulovic-Opara



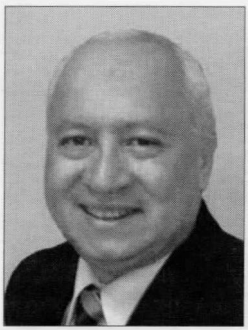
Robert V. Lopez



Amir Mirmiran

Theodore L. Neff

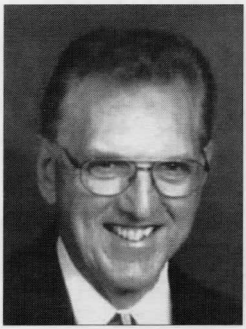
Jerry Parnes



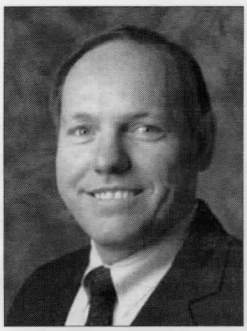
Enrique Pasquel

Maria Anna Polak

Margaret Hanson Reed



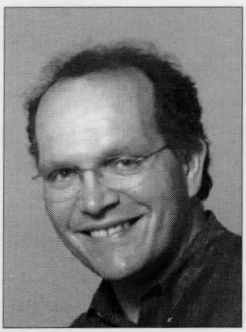
Roy H. Reiterman



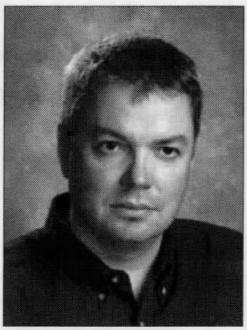
John P. Ries

Guillermo Santana

Michael J. Schneider

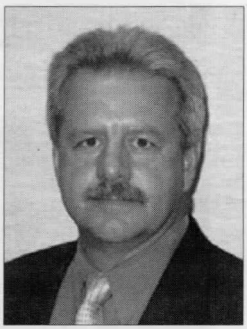


Bozidar Stojadinovic



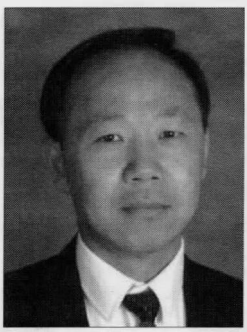
Michael D.A. Thomas

Rajalingam Valluvan



Bradley K. Violetta

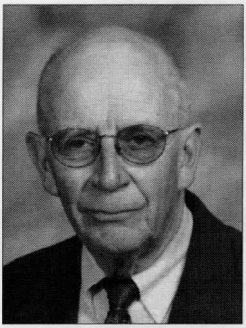
George R. Wargo



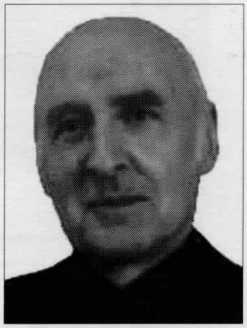
Sam X. Yao

50-Year Membership Citations

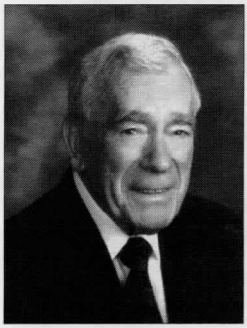
Expression of appreciation to members who have contributed to the success of the Institute by maintaining membership of at least 50 years.



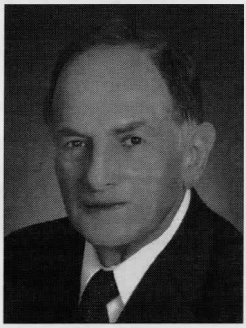
Richard O. Albright



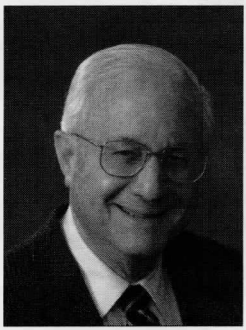
Gilbert H. Beguin



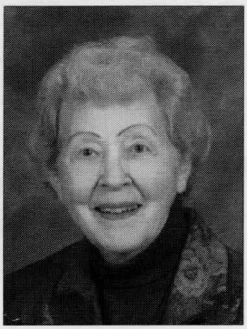
Joseph A. Dobrowolski*



Sergio Gonzalez-Karg

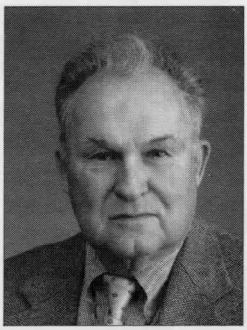


German R. Gurfinkel

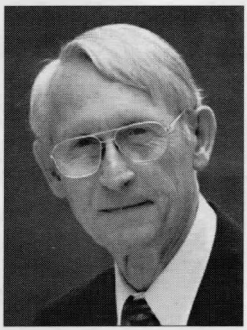


Mary K. Hurd

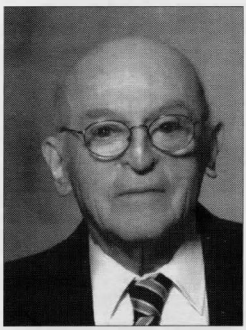
*deceased



Robert G. Kennerly, Sr.



James G. MacGregor



Raymond J. Schutz

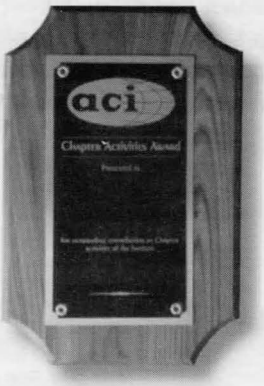
Paul Zia

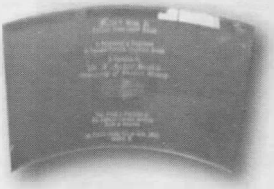
Not pictured:

Thomas W. Joy
Walter G.J. Ryan

ACI Awards


JOE W. KELLY AWARD
The Concrete Research Council
of the
American Concrete Institute
presents this
Arthur J. Boase Award for 2006
CRC
Concrete Research Council
2006 Robert E. Philley Award
Surendra P. Shah
aci
American Concrete Institute
ACI Young Member
Award for Professional
Achievement
Delmar L. Bloem
Distinguished Service Award
ACI CERTIFICATION AWARD
2006
ACI Distinguished
Achievement Award
Carolinas Ready Mixed Concrete Association
2006
ACI Design Award
aci
EXCELLENT
CHAPTER

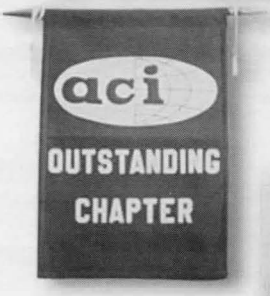

aci
Chapter Activities Award

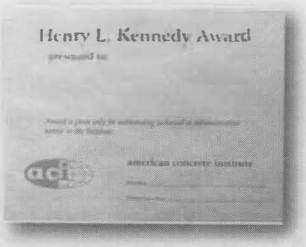


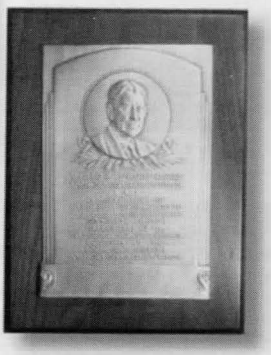

aci
American Concrete Institute®
CONSTRUCTION AWARD
2006


aci
American Concrete Institute

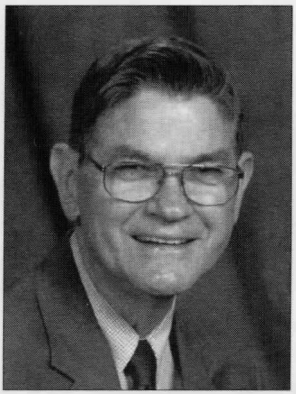

aci
ROGER H. CORBETTA AWARD
For
SIGNIFICANT INNOVATION IN
CONCRETE CONSTRUCTION


aci
OUTSTANDING
CHAPTER


Henry L. Kennedy Award
aci
american concrete institute



Arthur R. Anderson Award



"for contributions in research and development of code provisions for post-tensioned, unbonded, flat-plate slab systems and for his lifelong contributions to teaching and research in prestressed concrete structures"

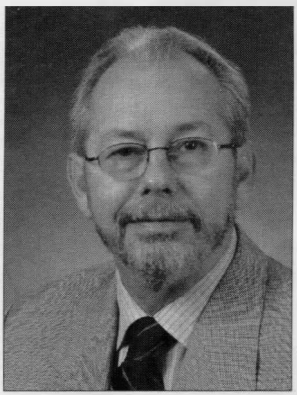
Ned H. Burns

(For bio see page 54)

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 leadership within the concrete construction industry, and for his many contributions to ACI committees in the areas of construction processes and practices"

Kenneth L. Beaudoin

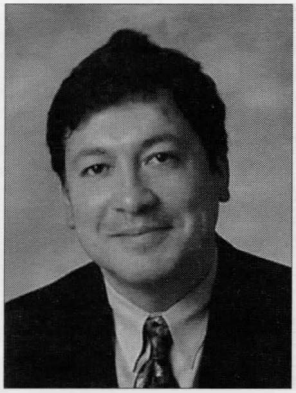
(For bio see page 54)

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 dedicated teaching and research in the area of reinforced concrete, and for his contributions to ACI Committee 318, ACI Committee 445, and the Technical Activities Committee"



Julio A. Ramirez

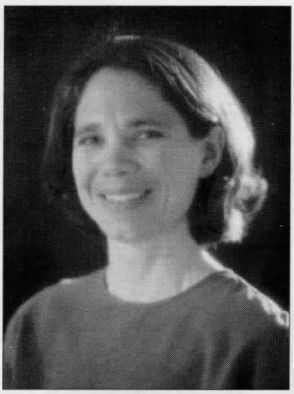
(For bio see pages 54-55)

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 her outstanding technical and administrative contributions to the Institute, particularly as a member of ACI Committee 318, Chair of ACI Publications Committee, and Member and Chair of the Technical Activities Committee"

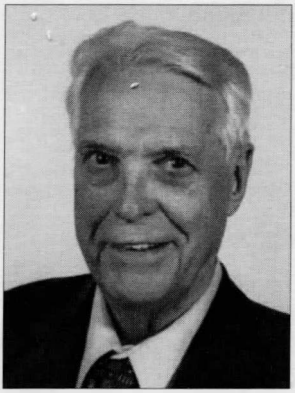


Sharon L. Wood

(For bio see page 55)

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 committeework, or other distinguished service to the Institute.

Alfred E. Lindau Award



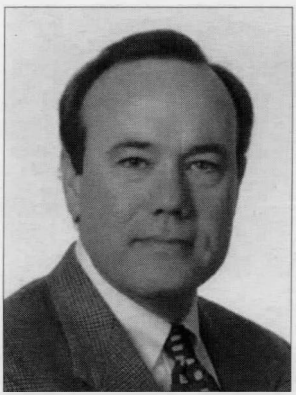
Harold R. Sandberg

"for his long-term contributions and innovations in the area of reinforced concrete bridge design practice, and his leadership on the ACI bridge committees"

(For bio see pages 55-56)

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

Henry C. Turner Medal



Randall W. Poston

"for contributions in diagnostic and repair technologies for a wide range of concrete structures and for leadership in related committee activities"

(For bio see page 56)

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 continuous industry leadership in concrete repair methods and technology promoting better knowledge and usage of new materials and techniques for concrete"

STRUCTURAL PRESERVATION SYSTEMS

Structural Preservation Systems

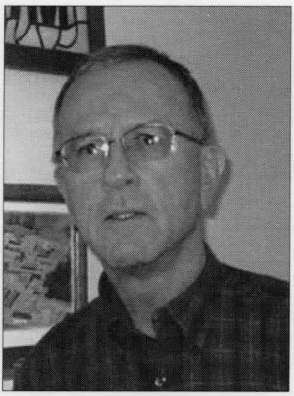
(For bio see pages 56-57)

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

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

ACI Certification Award

"for outstanding support in promoting and facilitating ACI Certification programs in Kansas"

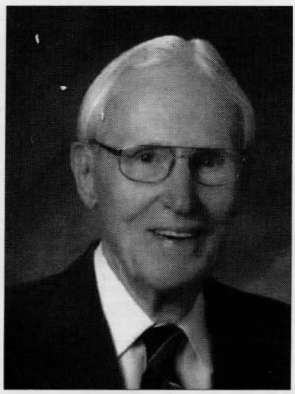


E.W. Geiger, III

(For bio see page 57)

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

ACI Certification Award



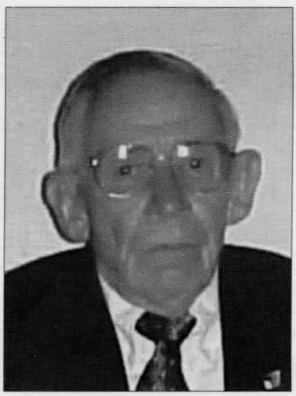
"for outstanding service on ACI Certification committees and in administering ACI Certification programs in Colorado"

Merlin J. "Red" Holland

(For bio see page 57)

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

ACI Certification Award



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

John T. Paxton

(For bio see pages 57-58)

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

ACI Distinguished Achievement Award

"for their innovative leadership in promoting concrete throughout the Carolinas through educating the construction community"

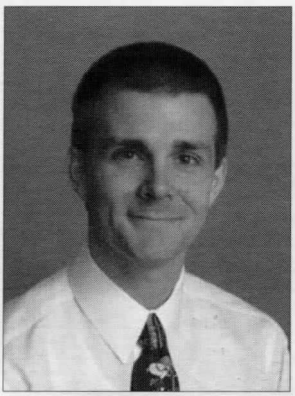
(For bio see page 58)

Carolinas Ready Mixed Concrete Association

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

ACI Young Member Award for Professional Achievement

"for his contributions to the education of future engineers by innovative integration of experimental and classroom learning, and for significant contributions to concrete technology in the area of measuring concrete fracture properties"

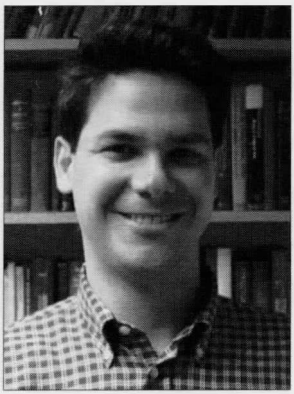


(For bio see pages 58-59)

James H. Hanson

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

ACI Young Member Award for Professional Achievement



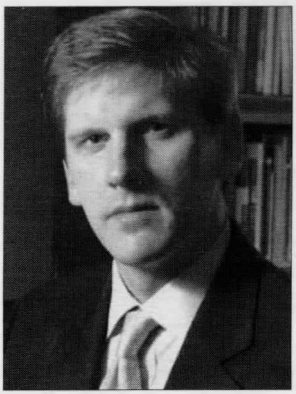
"for his pioneering work on earthquake applications for high-performance fiber-reinforced cement composites as well as research and design work for composite structural systems, his service to ACI technical committees, and his mentoring and guidance of students"

Gustavo José Parra-Montesinos

(For bio see page 59)

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

Wason Medal for Most Meritorious Paper



"for presenting an approach to assess the web crushing capacity in hollow rectangular bridge piers"

"Web Crushing Capacity of Hollow Rectangular Bridge Piers," ACI Structural Journal, V. 101, No. 4, July-Aug. 2004, pp. 569-579.

Eric M. Hines

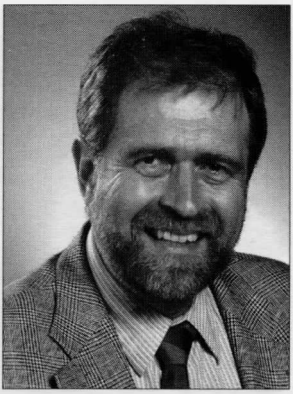
(For bio see pages 59-60)

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.

Wason Medal for Most Meritorious Paper

"for presenting an approach to assess the web crushing capacity in hollow rectangular bridge piers"



Frieder Seible

"Web Crushing Capacity of Hollow Rectangular Bridge Piers," ACI Structural Journal, V. 101, No. 4, July-Aug. 2004, pp. 569-579.

(For bio see page 60)

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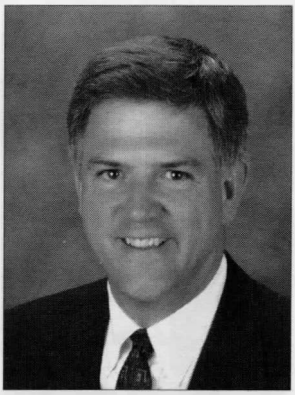
All original papers presented to the Institute by members (or if co-authored at least one author must be an ACI member) and published by the Institute during the volume year for which the medal is awarded are eligible.

ACI Construction Award

"for providing guidance on proportioning concrete mixtures for slab-on-ground"



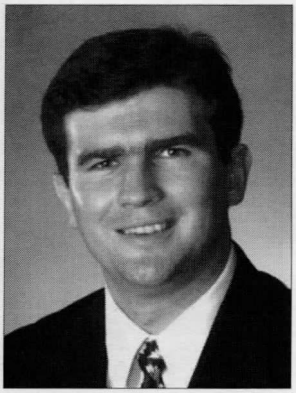
Patrick J. Harrison

"For the Ideal Slab-on-Ground Mixture," *Concrete International*, V. 26, No. 3, March 2004, pp. 49-55.

(For bio see pages 60-61)

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

Wason Medal for Materials Research



Anton K. Schindler

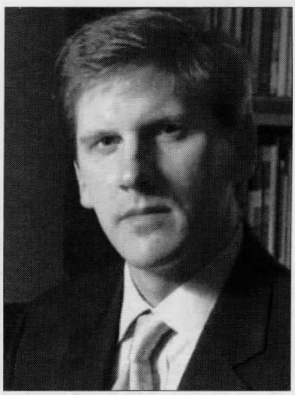
"for providing guidance on the selection of activation energy values for different cement types and mineral admixtures"

"Effect of Temperature on Hydration of Cementitious Materials," ACI Materials Journal, v. 101, No. 1, Jan.-Feb. 2004, pp. 72-81.

(For bio see page 61)

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.

Chester Paul Siess Award for Excellence in Structural Research



Eric M. Hines

"for outlining an approach to assess the physical behavior of bridge piers subjected to horizontal force and displacement"

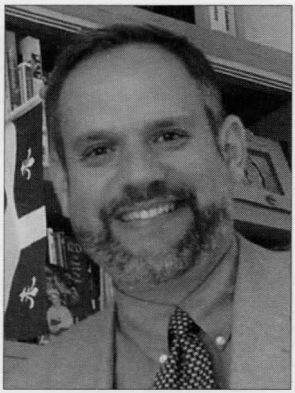
"Force-Displacement Characterization of Well-Confined Bridge Piers," ACI Structural Journal, V. 101, No. 4, July-Aug. 2004, pp. 537-548.

(For bio see pages 59-60)

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

Chester Paul Siess Award for Excellence in Structural Research

"for outlining an approach to assess the physical behavior of bridge piers subjected to horizontal force and displacement"



José I. Restrepo

"Force-Displacement Characterization of Well-Confined Bridge Piers," ACI Structural Journal, V. 101, No. 4, July-Aug. 2004, pp. 537-548.

(For bio see page 61)

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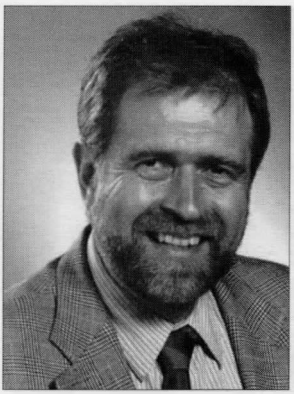

Frieder Seible

"Force-Displacement Characterization of Well-Confined Bridge Piers," ACI Structural Journal, V. 101, No. 4, July-Aug. 2004, pp. 537-548.

(For bio see page 60)

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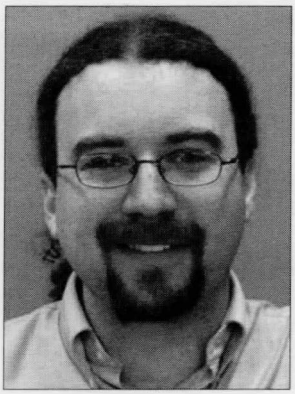
ACI Design Award



Evan Bentz

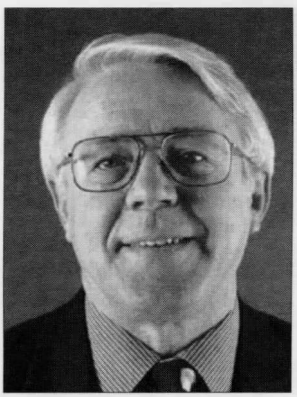
"for the discussion of code-related shear issues in the design of large, wide beams"

"Safe Shear Design of Large, Wide Beams," *Concrete International*, V. 26, No. 1, Jan. 2004, pp. 67-78.

(For bio see pages 61-62)

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

ACI Design Award



Michael P. Collins

"for the discussion of code-related shear issues in the design of large, wide beams"

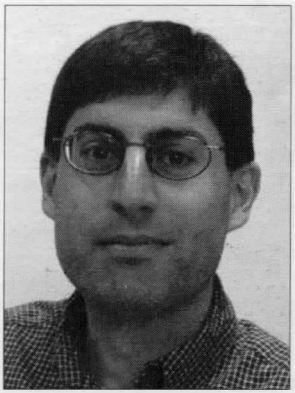
"Safe Shear Design of Large, Wide Beams," *Concrete International*, V. 26, No. 1, Jan. 2004, pp. 67-78.

(For bio see page 62)

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

ACI Design Award

"for the discussion of code-related shear issues in the design of large, wide beams"



Adam Lubell

"Safe Shear Design of Large, Wide Beams," *Concrete International*, V. 26, No. 1, Jan. 2004, pp. 67-78.

(For bio see pages 62-63)

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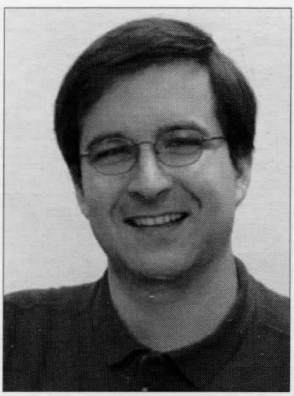
ACI Design Award

"for the discussion of code-related shear issues in the design of large, wide beams"



Ted Sherwood

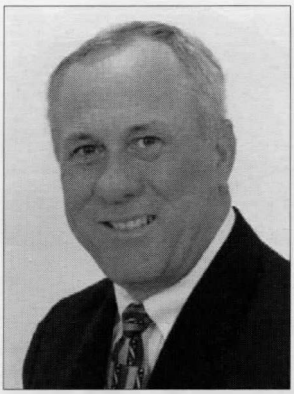
"Safe Shear Design of Large, Wide Beams," *Concrete International*, V. 26, No. 1, Jan. 2004, pp. 67-78.

(For bio see page 63)

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

Delmar L. Bloem Award for Distinguished Service

"for outstanding leadership of ACI Committee 301, Specifications for Concrete"



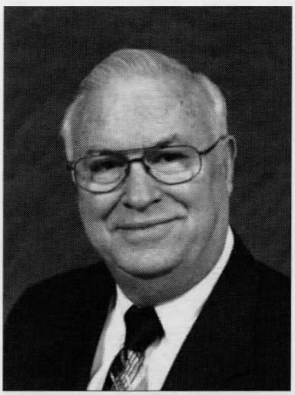
W. Calvin McCall

(For bio see page 64)

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

Delmar L. Bloem Award for Distinguished Service

"for outstanding leadership of ACI Committee 302, Construction of Concrete Floors"

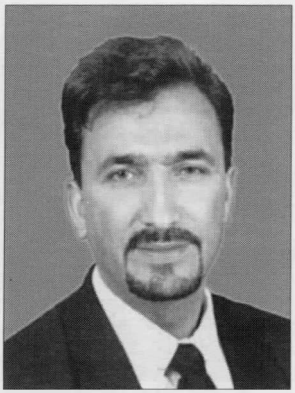


Eldon G. Tipping

(For bio see pages 64-65)

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



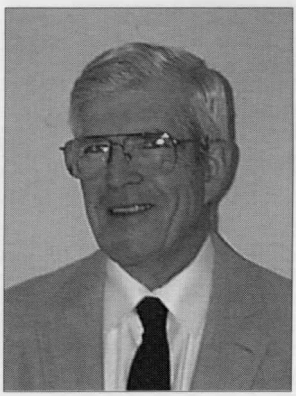
Abdeldjelil "DJ" Belarbi

"for his leadership and promotion of the ACI Missouri Chapter, and outstanding service to the next generation of ACI members"

(For bio see page 65)

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

Chapter Activities Award—Domestic



Robert L. Henry

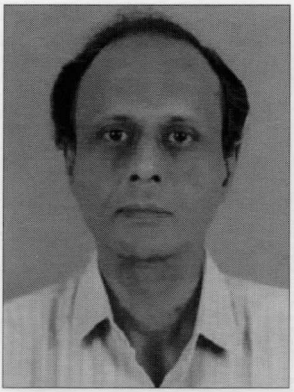
"for his outstanding contributions, dedication, and service to the ACI Northeast Texas Chapter"

(For bio see pages 65-66)

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

Chapter Activities Award—International

"for his consistently outstanding devotion and involvement in the ACI India Chapter"



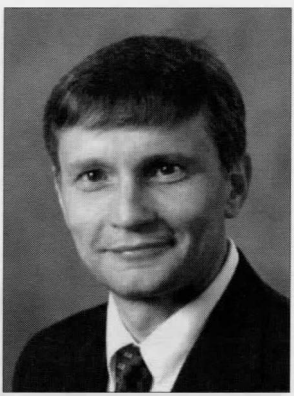
Mohan A. Jacob

(For bio see page 66)

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

Chapter Activities Award—International

"for his outstanding service in the promotion of the concrete industry and dedication to the ACI Italy Chapter"

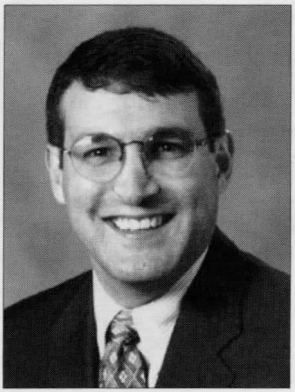


Antonio Nanni

(For bio see pages 66-67)

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

Walter P. Moore, Jr., Faculty Achievement Award



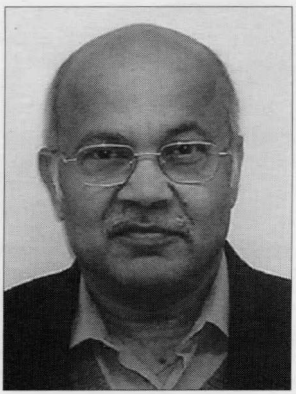
John J. Myers

"in recognition of his dedication to excellence and innovation in education in the field of concrete design, materials, and construction"

(For bio see page 67)

The **Walter P. Moore, Jr., Faculty Achievement Award** was established in 2001 to honor the late Walter P. Moore, Jr., PhD, PE, NAE. Moore was an ACI Fellow, an ACI Board Member, and a structural engineer in Texas who believed in the development of educators committed to the teaching of concrete. This award is given to an individual with less than 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



S.K. Ghosh

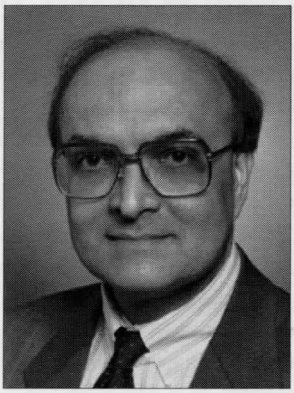
"for numerous contributions to the analysis and design of concrete structures, notably in the area of earthquake engineering, and for major roles in the advancement of seismic design provisions in the building codes"

(For bio see pages 67-68)

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 pioneering developments in high-performance concrete and fiber-reinforced cement-based materials, and for leadership in the conduct of interdisciplinary research"



Surendra P. Shah

(For bio see page 68)

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

2006

Presented to ACI member Stephen J. Seguirant, P.E., M.ASCE; along with Richard Brice, P.E.; and Bijan Khaleghi, Ph.D., P.E., at the 2006 Structures Congress on May 18-20, 2006, in St. Louis, MO, *"for the paper 'Flexural Strength of Reinforced and Prestressed Concrete T-Beams,'* PCI Journal, *January-February 2005."*

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

Central & Southern Mexico
Georgia
India
Iran
Louisiana
Missouri
New Jersey
New Mexico
Northeast Texas
Peru
Southern California

OUTSTANDING CHAPTERS

Arizona
Eastern Pennsylvania & Delaware
Greater Miami Valley
Greater Michigan
Mongolia
Nebraska
Northern California/Western Nevada
Ontario
Pittsburgh Area
San Antonio
San Diego International

HONORARY MEMBERSHIP — Carl Bimel (see page 5)
HONORARY MEMBERSHIP — P. Kumar Mehta (see page 6)
HONORARY MEMBERSHIP — Ramnath Narayan Swamy (see page 7)
HONORARY MEMBERSHIP — Richard N. White (see page 8)

FELLOWS

Perry Adebar is Professor of Civil Engineering and Associate Dean of the Faculty of Applied Science, University of British Columbia, Vancouver, Canada. The research he has been involved in over the past 20 years has had a direct impact on Canadian practice for seismic design of concrete wall buildings, pile cap design, and shear design of structural concrete.

Adebar has acted as a structural consultant on a number of projects including the seismic design of high-rise concrete buildings in Vancouver and Seattle, the safety evaluation of cracked prestressed concrete roof girders in a large industrial facility, and the external retrofit of cracked concrete grain silo clusters.

An ACI member, Adebar is a member of ACI Committees 341, Earthquake-Resistant Concrete Bridges, and 374, Performance-Based Seismic Design of Concrete Buildings. He is also a member of Joint ACI-ASCE Committees 441, Reinforced Concrete Columns, and 445, Shear and Torsion. He was a member of the subcommittee that wrote the state-of-the-art report "Recent Approaches to Shear Design of Structural Concrete (445R-99)." Adebar was a co-recipient of the ACI Structural Research Award in 1998. He also received the Association of Professional Engineers and Geoscientists of British Columbia Meritorious Achievement Award in 2004. His research and teaching interests include the field of concrete structures.

He received his PhD from the University of Toronto in 1990.

Peter Barlow is a Principal at Contech Services and Contech Group, Inc., contracting firms based in Seattle, WA; Portland, OR; and Santa Ana, CA, that provide specialized concrete repair processes. After graduating from college in the early 1970s, he started his own construction business specializing in residential and light commercial structure repair and modifications. In 1975, he joined the former Adhesive Engineering Co. and advanced to a position managing the company's in-house construction efforts. In 1991, he became a Vice President of the former Harry S. Peterson Co. He has been responsible for the repair of several hundred damaged structures following earthquakes. Additionally, he has supervised the repair of bridges, hydraulic structures, nuclear power plants, parking structures, manufacturing facilities, and a variety of commercial structures.

Barlow is a member of ACI Committees 224, Cracking; 546, Repair of Concrete; and the Construction Liaison Committee. He became a member of the ACI Seattle Chapter in 1975, and is an instructor for ACI seminars on concrete repair. Barlow is a member of the Structural Engineers Association of Washington and Idaho, and the International Concrete Repair Institute. His research interests include epoxy injection processes including underwater applications.

He graduated from Central Washington State College in 1971, and has been a licensed contractor since 1973.

P.A. Muhammed Basheer is a Professor of Structural Materials and the Director of the Centre for Built Environment Research at Queen's University Belfast, Northern Ireland. He worked in the construction industry and public sector as a civil engineer for 2 years before joining the Calicut Regional Engineering College, India, as a lecturer in 1983. Since 1987, he has been employed at Queen's University Belfast, where he was a lecturer, senior lecturer, and a reader before becoming a professor in 1999.

He is a member of ACI Committees 211, Proportioning Concrete Mixtures; 235, Knowledge-Based Systems and Mathematical Modeling for Concrete Materials; 236, Material Science of Concrete; 365, Service Life Prediction; and E 803, Faculty Network Coordinating Committee. Basheer is active in RILEM, the ACI/CANMET conference review panels, and is a member of the Editorial Boards of the International Journals of Construction and Building Materials and Cement and Concrete Composites. He is also a Fellow of the UK Institution of Civil Engineers.

He has won awards for the best nondestructive test methods for his inventions, which include the Autoclam Permeability System and the Permit Ion Migration Test. He also won the prestigious Queen's University Teaching Award in 2003 for introducing novel and innovative teaching methods, and he is the author of more than 150 refereed publications. His research interests include structural analysis, structural design and durability of structures, new test techniques for measuring transport properties of concrete, assessing the effect of new materials and methods for improving the durability of concrete, predicting service life of reinforced concrete structures by nondestructive testing, and the use of industrial by-products and waste materials in concrete.

Basheer received his bachelor's degree in civil engineering from the University of Kerala, India; his master's degree in structural engineering from the University of Calicut, India; and his doctorate degree in concrete technology from Queen's University Belfast, Northern Ireland.

George F. Baty began his career in concrete research doing inorganic chemical graduate work at Michigan State University, East Lansing, MI, on formaldehyde condensation products and later became an aerospace adhesives chemist and aerospace materials engineer. He then became Director of Research for Cresset Chemical Co. in 1968. He was promoted to President where he directed the company into a leadership position in the research, development, and application of release agents as well as other concrete construction-related chemicals. He is now entering the retirement phase, where he will maintain his interest in international sales.

Baty is a member of ACI Committees 124, Concrete Aesthetics; 235, Knowledge-Based Systems and Mathematical Modeling for Concrete Materials; 303, Architectural Cast-in-Place Concrete; 533, Precast Panels; and the Financial Advisory Committee (FAC). He is also a former charter member and officer of the ACI Raymond C. Reese Chapter of Northwest Ohio. Baty has been a speaker on release agents and other topics to

ACI, PCI, AIA, CSI, NPCA, WOC, and other national and regional organizations. Recently, he presented release agent information at the ICH Expo Hormigon in Chile.

He received his degree in chemistry from Bowling Green State University, Bowling Green, OH.

Raúl D. Bertero has been a Full Professor of Continuum Mechanics, School of Engineering, at the University of Buenos Aires, since 1983. The subjects he teaches include mechanics of solids, dynamic of structures, structural safety, and seismic design of structures. He has also been an independent consultant specializing in structural and earthquake engineering since 1993. Prior to that, he was Head of the Civil Engineering Division of the Audit and Engineering Reviews Department at the Empresa Nuclear Argentina de Centrales Eléctricas Sociedad Anónima (ENACE).

An ACI member, Bertero has been Secretary of the ACI Argentina Chapter since 2002. He has contributed to reinforced concrete seismic design, research, and education and was one of the five committee members responsible for writing the new reinforced and prestressed concrete Argentine code based on the ACI 318-02. In addition, he has authored more than 50 papers.

He received his BS in civil engineering from the University of Buenos Aires, his MSc in civil engineering from the University of California at Berkeley, and his PhD in engineering from the University of Buenos Aires.

Sarah L. Billington is Associate Professor of Civil and Environmental Engineering at Stanford University, where she has been on the faculty for 3 years. Prior to that, she was an Assistant Professor, School of Civil and Environmental Engineering, at Cornell University for 5 years.

Billington is a member of ACI Committee 341, Earthquake-Resistant Concrete Bridges, and Joint ACI-ASCE Committee 423, Prestressed Concrete. In addition, she is Vice-Chair of Joint ACI-ASCE Committee 447, Finite Element Analysis of Reinforced Concrete Structures. In 2002, she received the ACI Design Practice Award for a co-authored paper. Under a Fulbright Fellowship, she studied civil engineering in Switzerland at the ETH (Swiss Federal Institute of Technology) in Zurich in 1991. In 1998, she spent a year as a visiting researcher with the Computational Mechanics Group, Department of Civil Engineering, at the Delft University of Technology in the Netherlands. Her research interests include innovative structural systems and new engineered materials for structural design and repair, which involves physical experiments and numerical modeling.

Billington received her BSE in civil engineering and operations research from Princeton University in 1990, and her master's and PhD in structural engineering from the University of Texas at Austin, Austin, TX, in 1994 and 1997, respectively.

Joseph M. Bracci is a Professor of Civil Engineering at Texas A&M University, where he has worked since 1993. He began as an Assistant Professor, received tenure in 1999, and was promoted to Professor in September of 2005. Prior to that, he was a lecturer in the Department of Civil Engineering at SUNY Buffalo teaching

undergraduate classes and conducting research. In 1993, he worked as a structural engineer at EQE International in San Francisco on the seismic soil-structure interaction response of nuclear facilities.

An ACI member, Bracci is Chair of ACI Committee 375, Performance-Based Design of Concrete Buildings for Wind Loads, and is Secretary of the Concrete Research Council (CRC). He is a member of ACI Committees 335, Composite and Hybrid Structures; 374, Performance-Based Seismic Design of Concrete Buildings; and ITG-4, High-Strength Concrete for Seismic Applications. He is also a member of the ACI Publications Committee.

Bracci has authored and coauthored several technical papers and reports on the seismic damage evaluation and retrofit of nonductile reinforced concrete frame structures, composite steel-concrete frame systems, and various analytical studies on the seismic performance of structural frame systems.

Bracci received his BS, MS, and PhD in civil engineering from the State University of New York at Buffalo in 1987, 1989, and 1992, respectively. He is a registered Professional Engineer in the state of Texas.

Dean A. Browning is Senior Vice President and Director of Operations for Pankow Special Projects, LP (PSPL), a division of Pankow Builders, one of the country's foremost innovators of concrete construction methodologies and industry leader in design-build project delivery. As Director of Operations for PSPL, he oversees all preconstruction and construction activities, leads research and development of construction innovations, and mentors professional staff. Since joining Pankow in 1974 as a field engineer, Browning has held various leadership roles including Project Sponsor, Regional Manager, and Director of Operations for both Charles Pankow Builders and PSPL. He has been in charge of all aspects of preconstruction and construction as well as directing the design and construction activities of design-build teams.

Active in ACI since 1980, Browning is a member of the ACI Convention Committee and the Hot Topics Committee. He is a former member of the Board of Directors of the ACI Northern California and Western Nevada Chapter. In 2004, he served as Co-Chair of the ACI Fall 2004 Convention in San Francisco, CA. He is also a member of the Design Build Institute of America (DBIA), and is a frequent speaker and trainer on design-build and construction-related innovation at ACI, DBIA, and other industry organizations.

Browning received a BS in civil engineering and an MS in structural engineering/ construction management from Purdue University.

Mark A. Cheek is Vice President of Beta Testing & Inspection, LLC, New Orleans, LA. He has more than 15 years of experience in construction materials testing and inspection.

An ACI member, he is a Past President of the ACI Louisiana Chapter, and is a member of the Chapter Activities Committee (CAC), the Certification Programs Committee (CPC), the ACI Young Member Award for Professional Achievement Committee, and ACI Committees C 610, Field Technician Certification; 214, Evaluation of

Results of Tests Used to Determine the Strength of Concrete; and 228, Nondestructive Testing of Concrete.

Cheek received his BS in civil engineering from the University of New Orleans, New Orleans, LA.

Marvin E. Criswell is a Professor and Associate Department Head, Department of Civil Engineering, at Colorado State University, Fort Collins, CO. He has been involved in teaching and research in several areas of structural engineering and mechanics at Colorado State University since 1970. From 1967 to 1969, he was involved in a research project on blast-loaded concrete slab systems at the U.S.A.E. Waterways Experiment Station, Vicksburg, MS. He also directed the campus-wide NASA Space Grant Program at Colorado State University from 1997 to 2001.

Criswell is a member of ACI Committees E 803, Faculty Network Coordinating Committee; 544, Fiber Reinforced Concrete; and Joint ACI-ASCE Committees 352, Joints and Connections in Monolithic Concrete Structures, and 445, Shear and Torsion. He is an active member and Fellow of the American Society for Engineering Education and the American Society of Civil Engineers (ASCE), and is an ABET Civil Engineering Program evaluator. His research interests include structural applications of FRC, design and reliability of transmission line structures, and wood structural systems.

He received his BSCE from the University of Nebraska, Lincoln, NE, and his MSCE and PhD in structural engineering from the University of Illinois.

Laurel M. Dovich is a Professor of Civil Engineering at Walla Walla College, College Place, WA, where she has taught undergraduate structural engineering courses for 12 years, and has twice been awarded Engineering Professor of the Year by the students. She has also been involved in campus leadership, including serving as faculty senate chair for 2 years. In an attempt to build bridges between classroom curriculum and the demands of industry, she has spent summers and sabbaticals working in industry as a structural engineer. Prior to employment at Walla Walla College, Dovich spent several years doing a variety of structural design work and 2 years teaching at West Indies College in Jamaica.

She is a member and Past Chair of ACI Committee 120, History of Concrete. She is also a member of ACI Committee E 802, Teaching Methods and Educational Materials and a former member of the Convention Committee. She has chaired and moderated many technical sessions, including 2 years of coordinating the Open Paper Session. Her research interests include developing teaching methods for reinforced concrete design courses and developing a structures laboratory and corresponding undergraduate lab curriculum. Her hobbies include historical concrete structures and affordable housing for third-world countries.

Dovich received a master's and a PhD in civil engineering from the University of Michigan, Ann Arbor, MI. She is a licensed Professional Engineer in the state of Washington.

Award Recipient Biographies

Alejandro Durán-Herrera is a Professor at the School of Civil Engineering at the Universidad Autónoma de Nuevo León (UANL), San Nicolás de los Garza, NL, México, where he teaches an undergraduate course on concrete technology, and is Head of the Department of Concrete Technology.

Durán-Herrera is a member of ACI Committees E 801, Student Activities; C 610, Field Technician Certification; C 630, Construction Inspector Certification; and the International Certification Subcommittee. He is the founding president of the Northeast México FIC-UANL ACI student chapter. As advisor of this chapter, the student members have won numerous student competitions. Since 1996, he has served as Secretary/ Treasurer of the ACI Northeast México Chapter. He has promoted, organized, and conducted ACI certification programs, conferences, technical seminars, and educational activities, which led the ACI Northeast México Chapter to be recognized as Outstanding Chapter in 1997, 1998, 2000, 2001, and 2002. In 1998, he won first place for the best research in civil engineering at the 7th annual contest on Buildings Cementos Monterrey, organized by CEMEX and the CMIC. In 2004, he received the ACI Young Member Award for Professional Achievement and recognition for his outstanding efforts in initiating and maintaining ACI Certification programs internationally. His research interests include high-performance concrete, durability, and repair.

He received his bachelor's and master's degrees from FIC-UANL, and his PhD in materials engineering from the School of Mechanical and Electrical Engineering at UANL. In 2005, he completed a session as a Postdoctoral Researcher at the Université de Sherbrooke, Québec, Canada.

Lennart G. Elfgren is a Professor of Structural Engineering at Luleå University of Technology, Sweden. He is presently the scientific leader of a 4-year European integrated research project on sustainable bridges. The aim of the project is to extend the life and capacity of existing bridges through advanced assessment, monitoring, and strengthening methods. Previously, Elfgren worked as a consultant with Jacobson & Widmark AB in Göteborg (now WSP International), as a research engineer at the Swedish Testing and Research Institute in Borås, and as an assistant professor at Luleå University of Technology. From 1972 to 1973, he was a Post-Doctoral Research Engineer at the University of California at Berkeley, Berkeley, CA, working with testing and modeling of box girder bridges.

Elfgren is a member of ACI Commitees 355, Anchorage to Concrete; 446, Fracture Mechanics; and Joint ACI-ASCE Committee 445, Shear and Torsion. His research interests include fatigue, fracture mechanics, anchorage, bond, early age concrete properties, and modified cement binders.

Elfgren received his PhD from Chalmers University of Technology, Göteborg, Sweden, in 1971, with a focus on combined torsion, bending, and shear of concrete structures.

D. Kirk Harman is the President and Managing Principal of Cagley Harman & Associates, Inc., a consulting structural engineering and parking consulting firm based in King of Prussia, PA. Additionally, he serves as President of the Harman Group and Vice

President of the group's Pittsburgh, PA, affiliate, Cagley Harman & Campbell, LLC. Harman began his structural engineering career in 1977 at FMC Corp. in an industrial design/build division. In 1981, he joined Martin, Cagley & Associates in Rockville, MD, as an Associate. He founded the King of Prussia-based Martin, Cagley & Harman in 1984. The firm's name changed throughout the years, finally becoming Cagley Harman & Associates, Inc., in 1995. Early in his career, he taught graduate level structural engineering courses at Widener University in Chester, PA, and the University of Maryland's College Park campus.

An ACI member for more than 20 years, Harman is a member of ACI Committee 318, Structural Concrete Building Code, and ACI Subcommittees 318-G, Precast and Prestressed Concrete, and 318-H, Seismic Provisions. He also serves on ITG-4, High Strength Concrete in Seismic Applications.

Harman received his BS in civil engineering from Lafayette College and his MS in structural engineering from Drexel University. He is licensed in 25 jurisdictions, including as a structural engineer in the states of California and Nevada.

Geoffrey D. Hichborn, Sr., is President and Principal of Hichborn Consulting Group in Orange County, CA. He has 26 years of experience investigating cement and concrete materials and construction, conducting damage evaluations, and evaluating related tests and specifications.

He specializes in the forensic evaluation of construction and products manufactured with cement, particularly concrete and plaster. He has investigated fire, water, and earthquake damage and claims of sulfate attack, distress by acids, alkali-silica reaction, and other undesired conditions. Investigations involve residential, commercial, industrial, warehouse, and public sector improvements of all ages, from freshly cast concrete to 125-year-old slabs and foundations. Prior to that, Hichborn was Manager, Technical Services, Riverside Cement Co.; Vice President, Osborne Laboratories, Inc.; and Director of Materials Engineering for a geotechnical engineering firm.

Ranging from informal verbal assessments to multimillion dollar litigation support, he has appeared at mediations and testified in arbitrations and small claims, municipal, superior, and federal court. Working mostly in California, venues also include Arizona, Nevada, and Ohio.

An ACI member, Hichborn is a member of ACI Committee 201, Durability of Concrete; 225, Hydraulic Cements, and 552; Geotechnical Cement Grouting; and is a member of the ACI Responsibility in Concrete Construction Committee. He has also made presentations on cement and concrete topics on behalf of the ACI chapters. Hichborn is also a member of ASTM International, ASCE, ICRI, SEA, SEAOSC, PCMAC, PCI, PTI, and API and serves as a Director of the Forensic Expert Witness Association.

He received his BS in civil engineering from the University of California-Irvine in 1979, and is a registered Civil Engineer.

G.P. "Jum" Horst is employed at Baker Concrete Construction, Inc., and Horst and Associates Construction Consulting. Previously, after serving 2 years in the U.S. Navy, he worked for Barrett Construction Co., Perini Corp., and Donald M. Drake

Construction Co. While working with these companies, he developed a great interest in concrete construction, especially formwork. Horst then joined Turner Construction in Cincinnati in 1969. After that, he worked for the Howard S. Wright Construction Co. as Operations Manager in Seattle. He then traveled to Hawaii to be General Manager, Major Projects for Pacific Construction and served as Director of Construction for the Grand Wailea Resort and Spa, an award-winning facility.

Horst is a member of ACI Committees 303, Architectural Cast-in-Place Concrete, and 347, Formwork for Concrete.

He received his BA in architectural engineering from Penn State University in 1956.

Tarif M. Jaber is the President of Jaber Engineering Consulting, Inc. (JEC), founded in 1993. JEC is an engineering company that provides consulting services on concrete projects to Departments of Transportation, ready mix suppliers, contractors, engineers, and property owners, specializing in the areas of concrete durability, concrete evaluation, concrete materials, concrete repair, and forensic engineering.

He is Chair of ACI Subcommittee 211-D, Proportioning of High Strength Concrete, and a member of ACI Committees 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete; 234, Silica Fume in Concrete; and 363, High Strength Concrete. He is also a past Board Member of the ACI Minnesota Chapter and the ACI Arizona Chapter. Jaber received the Grand Award from the American Consulting Engineering Council for the innovative design of concrete for durability and corrosion resistance. He is also a patent holder of the AV2000TM System that evaluates concrete durability under freeze/thaw conditions.

His research interests include the use of high-performance/durable concrete on projects including bridge decks, parking ramps, power structures, and industrial buildings. He has written many articles about technology transfer and the implementation of advanced technology to improve the quality of concrete and extend the service life of concrete structures.

He received a BS in civil engineering in 1978 and an MS in civil engineering in 1982 from the University of Missouri-Rolla, Rolla, MO. He is a licensed Professional Engineer in the states of Minnesota and Arizona.

Neven Krstulovic-Opara is a Senior Structural Engineer in the Houston, TX, office of Arup Energy of Ove Arup, London. Previously, he spent 11 years as a university professor at the University of Michigan, Ann Arbor, MI; Northeastern University, Boston, MA; and North Carolina State University (NCSU), Raleigh, NC. From 1995 to 2001, Neven also served as the Director of the Large Scale Structural Testing Laboratory, CTL, at NCSU. He is currently working on various aspects of the development and design of offshore concrete platforms, large offshore and onshore concrete LNG tanks, and repair of concrete structures.

Krstulovic-Opara is a member of ACI Committees 325, Concrete Pavements; 440, Fiber Reinforced Polymer Reinforcement; 446, Fracture Mechanics; and is Chair of ACI Committee 376, Concrete Structures for Refrigerated Liquified Gas Containment, and Secretary of ACI Committees 348, Structural Safety, and 544, Fiber Reinforced

Concrete. He has delivered various lectures and presentations and has published numerous refereed papers.

His research interests include a new generation of high-performance fiber-reinforced concrete (HPFRC) called slurry infiltrated mat concrete (SIMCON); HPFRC-based composite frame systems; HPFRC-based seismic retrofit methods; "smart" materials and structural systems; pull-out of reinforcing bars embedded in HPFRC; flexural, torsional, shear, and constitutive modeling of HPFRCs; and development of shape memory alloy-based "self post-tensioning" FRCs.

Krstulovic-Opara received his master of science/diploma in 1987 from Imperial College of Science and Technology, London, his master's degree in civil engineering from the University of Belgrade, Yugoslavia, in 1986, and his PhD from Carnegie Mellon University, Pittsburgh, PA, in 1991.

Robert V. Lopez has been Executive Director of the Cement Council of Texas (CCT) since 1994. Prior to joining CCT, he served as Director of Marketing, Cement Division, at Holcim and Gifford-Hill Cement companies. Prior to that, he was Regional Paving Engineer for the Rocky Mountain Region of the Portland Cement Association (PCA) after holding positions in the South Central region PCA as General Field and Regional Structural Engineer.

Lopez is a member of ACI Committees 230, Soil Cement, and 330, Concrete Parking Lots and Site Paving, and is a past member of ACI Committee 325, Concrete Pavements. He has been a member of the ACI Northeast Texas Chapter since 1974, where he served on the Board of Directors and as President in 1991, the year he was awarded that Chapter's Sophus Thompson Outstanding Service Award.

Lopez received his BSCE from California State University and his MSCE from the University of Texas at Arlington in 1972 and 1975, respectively. He is a registered Professional Civil Engineer in the state of Texas.

Amir Mirmiran is a Professor and Chair of the Department of Civil and Environmental Engineering at Florida International University, Miami, FL. Previously, he served on the faculty at the University of Central Florida, the University of Cincinnati, and North Carolina State University. He also served as Director of Technical Services for the Constructed Facilities Laboratory and Director of the Center for Infrastructure Renewal and Protection at North Carolina State University. He also practiced as a Professional Engineer for over 8 years in Baltimore, MD.

He is a member of ACI Committees E 803, Faculty Network Coordinating Committee; 440, Fiber Reinforced Polymer Reinforcement; and Joint ACI-ASCI Committee 343, Concrete Bridge Design. He is also a member and Chair of ACI Subcommittee 440-J, Stay-in-Place FRP Forms.

Mirmiran received the National Science Foundation Faculty Career Award in 1996, the Florida State University System Teaching Incentive Award in 1997, the NASA Technology Transfer Tech Briefs Award in 1997, the University of Central Florida Presidential Award for National Recognition in 1997, the University of Cincinnati Young Researcher of the Year Award in 2001, and the ASCE Journal of Composites for

Construction Award for his pioneering work on concrete-filled FRP tubes. His research interests include high-performance concrete and composites.

He received his BS in civil engineering from the University of Tehran, Iran, in 1984, and his MS and PhD in civil engineering from the University of Maryland, College Park, MD, in 1986 and 1991, respectively.

Theodore L. Neff has been the Executive Director of the Post-Tensioning Institute (PTI) since 2000. Previously, he managed his own consulting firm for 3 years and was a Vice President with the Concrete Reinforcing Steel Institute (CRSI) for 14 years. Prior to that, he worked for the Urban Mass Transportation Administration and the Federal Highway Administration.

Neff is a member of ACI Committees 222, Corrosion of Metals in Concrete; 301, Specifications for Concrete; 318-G, Precast and Prestressed Concrete; 325, Concrete Pavements; and Joint ACI-ASCE Committee 423, Prestressed Concrete.

Neff received a BS in civil engineering with honors from the University of Colorado, Boulder, CO. He is a registered Professional Engineer.

Jerry Parnes is an Associate Vice President with DMJM Harris, an international transportation and environmental engineering firm. Most of his 30+ year career has been spent in the environmental and transportation engineering field. He has been involved in the design and construction of concrete buildings and tanks, airline terminals, subway facilities, and parking structures. He has played significant leadership roles for such projects as New York City's Sludge Dewatering program, American Airlines' new terminal at John F. Kennedy Airport, and the Second Avenue Subway and new PATH station at the World Trade Center.

Parnes is currently Secretary of ACI Committee 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete, and is a member of ACI Committees 223, Shrinkage-Compensating Concrete; 301, Specifications for Concrete; and 350, Environmental Engineering Concrete Structures. He is also an associate member of ACI Committees 201, Durability of Concrete; and 362, Parking Structures.

Parnes served on the New York/New Jersey Convention Committee for the ACI Spring 2005 Convention in New York and has sponsored and hosted many ACI Continuing Education seminars in New York City. He also served as President of the Concrete Industry Board (CIB) of New York. In addition, he has published numerous papers on quality concrete and building code issues, and has been a presenter at ACI conventions.

He received his BS in engineering from the City College of New York. He is a registered Professional Engineer in New York and New Jersey.

Enrique Pasquel is Research and Development Manager of Unión de Concreteras S.A.-UNICON, the largest ready-mix concrete company in Peru. Prior to joining UNICON, Pasquel served for 16 years in the construction industry as a technical services engineer in the field of concrete technology with Impresit del Pacifico, part of the Italian construction group IMPREGILO. He is also a Professor of Concrete

Technology at the Pontificia Universidad Católica and the Universidad Peruana de Ciencias Aplicadas, both in Lima, Peru. Previously, he was a researcher and manager of the Seismic Structures and Testing Materials Laboratories in the Engineering Department of the Universidad Católica del Peru. He has been involved in major concrete projects including buildings, irrigation systems, airports, bridges, harbors, repairs, and restorations in Peru as a private consultant for the past 25 years. He has written one book on concrete technology basics, and published several papers on concrete durability on severe environments, shotcrete for mining applications, volumetric changes and cracking, concrete admixtures, high-performance concrete, and behavior of concrete at high altitudes. He frequently lectures at conferences in Peru and South America on topics of concrete technology. In 2004, he received the Outstanding Graduate Award of the Graduate Association of the Universidad Católica del Peru.

Pasquel is a liaison member of ACI Committee 318, Structural Concrete Building Code, and a member of ACI Subcommittee 318-L, International Liaison. He was President of the ACI Peru Chapter from 2001 to 2005, has developed numerous student chapters in his country, and has chaired four International ACI-Peru Conferences.

Pasquel has a degree in civil engineering from the Universidad Católica del Peru and training in concrete research at Delft University of Technology, The Netherlands.

Maria Anna Polak is a Professor in the Department of Civil Engineering at the University of Waterloo, Waterloo, Ontario, Canada, where she teaches courses in reinforced concrete design and structural mechanics.

Polak is a member of ACI Committee 435, Deflection of Concrete Building Structures, and Joint ACI-ASCE Committee 445, Shear and Torsion, where she chairs the subcommittee on Punching Shear in Slabs. She is also an editor of ACI SP-232, *Punching Shear in Reinforced Concrete Slabs*. Polak is a recipient of the prestigious Humboldt Research Fellowship for analytical and numerical work related to punching shear in reinforced concrete slabs, conducted at the University of Stuttgart, Germany. Her research interests include designing reinforced concrete structures, nonlinear finite element analysis of reinforced concrete shells, mechanics of reinforced concrete structures, analysis and design of reinforced concrete slabs for punching shear, constitutive modeling of structural materials, finite element analysis, and nondestructive testing of concrete members.

She received her PhD from the University of Toronto, Toronto, Ontario, Canada, and her BSc and MSc from Cracow University of Technology, Poland.

Margaret Hanson Reed is a Senior Associate and Petrographer at Wiss, Janney, Elstner Associates, Inc. She has been with the company for 17 years, first in their Austin, TX, branch office and then in their Northbrook, IL, home office since 1994.

Reed has been a member of ACI since 1989. She is a member and Past Chair of ACI Committee 221, Aggregates, and a member of the Convention Committee. In 1992-1993

she was President of the ACI Central Texas Chapter and in 1998-1999 she was President of the ACI Illinois Chapter, where she remains active and is a Tri-Chair of the 2010 Chapter Convention Committee.

She received a bachelor of science in geology from the University of Oregon, Eugene, OR, in 1984, and a master of science in civil engineering materials from Purdue University, West Lafayette, IN, in 1986. Reed is a licensed Professional Geologist in the state of Illinois.

Roy H. Reiterman is a Technical Consultant for the Wire Reinforcement Institute and owner of Roy H. Reiterman, P.E. & Associates, Consulting Engineers, Troy, MI.

He is a member of ACI Committees E 702, Designing Concrete Structures; 120, History of Concrete; 223, Shrinkage-Compensating Concrete; 315, Details of Concrete Reinforcement; 360, Design of Slabs on Ground; 439, Steel Reinforcement; and 544, Fiber-Reinforced Concrete. He is also a member of ASTM International, the Precast/Prestressed Concrete Institute (PCI), the Transportation Research Board (TRB), the Building Seismic Safety Council, the Alliance for Concrete Codes and Standards (ACCS), and the National Concrete Bridge Council. Reiterman has received many certificates for session moderator and speaker, and for moderator and speaker orientation workshops, and recently received an honors award from the ACI Greater Michigan Chapter. He is a board member and Vice President of the ACI Greater Michigan Chapter.

Reiterman received his degree in architectural/structural engineering from Lawrence Technological University, Southfield, MI, and is a registered Professional Engineer in Michigan, Texas, Pennsylvania, and Ohio.

John P. Ries is President of the Expanded Shale, Clay and Slate Institute, Salt Lake City, UT, and has been involved in lightweight aggregate for the past 19 of his 39 years in the design and construction industry.

An ACI member, he is Chair of ACI Committee 122, Energy Conservation, and a member and Past Chair of ACI Committee 213, Lightweight Aggregate and Concrete. He is also a member of ACI Committees 211, Proportioning Concrete Mixtures, and 301, Specifications for Concrete, and is a member of Joint ACI-TMS Committee 216, Fire Resistance and Fire Protection of Structures.

Ries received a BS in civil engineering from Montana State University. He is a Professional Engineer.

Guillermo Santana is a Professor of Structural Engineering at the School of Civil Engineering and Structural Engineering Research Program Director at LANAMME, University of Costa Rica, where he has been a member of the teaching and research staff for the past 20 years. Prior to that, he was a faculty member at the Illinois Institute of Technology, Chicago, IL.

His teaching and professional practice have covered many aspects of structural engineering including structural dynamics, earthquake hazard estimation, earthquake-resistant design, and laboratory testing of reinforced concrete construction. In

addition, he has authored or coauthored more than 50 publications on structural and earthquake engineering.

Since 1990, he has had a leading role in the code writing body for the professional society of engineers in Costa Rica. He has been a member of the NSF Proposal Evaluation Panel for NEES projects that meets yearly in Washington, DC, since 2004.

Santana is a member of ACI Committee 318, Structural Concrete Building Code, where he currently chairs the newly formed ACI Subcommittee 318-L, International Liaison. He is also a member of ACI Committees 314, Simplified Design of Concrete Buildings; 341, Earthquake-Resistant Concrete Bridges; 374, Performance-Based Seismic Design of Concrete Buildings; and Joint ACI-ASCE Committee 445, Shear and Torsion. He is also President of the ACI Costa Rica Chapter.

Santana completed his undergraduate work at the University of Costa Rica, where he obtained the title of civil engineer in 1979. He received his MS and PhD in structural engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1981 and 1985, respectively.

Michael J. Schneider is Vice President of Commercial Operations and Chief People Officer at Baker Concrete Construction, Inc., where he has spent the last 27 years. He started at Baker as a project manager in 1978 and helped open Baker's Houston office in 1982. During his career at Baker, he has been involved in a multitude of projects ranging from high-rise offices to automotive plants to mainline concrete paving.

He is a member of ACI Committee E 801, Student Activities, and the Construction Liaison Committee (CLC). He formerly served on the Board of Directors of the ACI Miami Valley Chapter. Schneider has been active in the American Society of Concrete Contractors (ASCC) for the past 10 years and currently serves as President. In 2005, he was named one of the 10 most influential people in the concrete industry by *Concrete Construction* magazine.

Schneider received a BS in personnel management from Miami University of Ohio, Oxford, OH, in 1974, and a BS in construction management from the University of Cincinnati, Cincinnati, OH, in 1978.

Bozidar Stojadinovic is an Associate Professor, Department of Civil and Environmental Engineering, at the University of California-Berkeley, Berkeley, CA. He has been teaching and conducting research on performance-based seismic design and evaluation of conventional and nuclear facility reinforced concrete structures for the past 11 years, starting as an Associate Professor at the University of Michigan, Ann Arbor, MI, in 1995.

An ACI member since 1994, he is a member of ACI Committees E 803, Faculty Network Coordinating Committee; 335, Composite and Hybrid Structures; 341, Earthquake-Resistant Concrete Bridges; 349, Concrete Nuclear Structures; and 374, Performance-Based Seismic Design of Concrete Buildings. He is also a member of Joint ACI-ASCE Committee 445, Shear and Torsion, and is a past member of ACI Committee 123, Research and Current Developments, where he co-organized the ACI Open Paper sessions. Stojadinovic was awarded the ASCE Walter L. Huber Civil

Engineering Research Prize and the NSF CAREER Award. His research interests include the probability-based evaluation of existing nuclear facility structures and highway overpass bridges in a seismic environment and experimental evaluation of reinforced concrete structural elements, such as frame joints and columns.

Stojadinovic received his Dipl.Ing. (BS) from the University of Belgrade, Serbia, in 1988, and his MS and PhD from Carnegie-Mellon University and the University of California-Berkeley in 1990 and 1995, respectively.

Michael D.A. Thomas is a Professor in the Department of Civil Engineering at the University of New Brunswick (UNB), Canada, and a registered Professional Engineer. Prior to joining UNB in 2002, he had been on faculty at the University of Toronto since 1994 and previous to that had worked as a concrete materials engineer with Ontario Hydro in Canada and as a research fellow with the Building Research Establishment in the UK.

He is a member of ACI Committees 201, Durability of Concrete; 221, Aggregates; 232, Fly Ash and Natural Pozzolans in Concrete; 233, Ground Slag in Concrete; 234, Silica Fume in Concrete; 236, Material Science of Concrete; 308, Curing Concrete; and 365, Service Life Prediction. He is also active with ASTM International, RILEM, and the Canadian Standards Association (CSA). He was a recipient of the ACI Wason Medal for Materials Research in 1997 and the ACI Construction Practice Award in 2001.

Thomas's research interests are concrete durability and the use of industrial by-products including pozzolans and slag. His studies on durability have included alkali-silica reaction, delayed ettringite formation, sulfate attack, chloride ingress, and embedded steel corrosion. He is also active in the area of service-life modeling, and in the repair and maintenance of concrete structures. He has authored more than 100 technical papers and reports on these subjects, and has been working in the field of cement and concrete research since 1983.

Thomas received his BSc in civil engineering and his post-graduate certificate in education from the University of Nottingham, UK, in 1982 and 1983, respectively. He received his PhD in civil engineering from the University of Aston, UK, in 1987.

Rajalingam Valluvan is Vice President and National Bridge Services Leader for MACTEC Engineering and Consulting, Inc., St. Louis, MO.

He is Chair of ACI Committee 341, Earthquake-Resistant Concrete Bridges, and is member of ACI Committee 318-E, Shear and Torsion (Structural Concrete Building Code); 369, Seismic Repair Rehabilitation; and Joint ACI-ASCE Committee 445, Shear and Torsion. He received the ACI Young Member Award for Professional Achievement in 2001.

He has 17 years of experience in practice and research and has worked on numerous landmark bridge projects, including the Golden Gate Bridge. His interests include structural behavior of reinforced concrete structures, innovative design and construction techniques for extending the service life of bridges, seismic design and retrofit of bridges and buildings, and signature bridges.

Valluvan received his bachelor's degree in civil engineering from Anna University, India, where he was awarded the University Gold Medal in 1988. He was a Mercer's Scholar at Imperial College, University of London, where he received his MSc in concrete structures in 1989. He received his PhD in structural engineering from the University of Texas at Austin, Austin, TX, in 1993.

Bradley K. Violetta is Industry Director for Degussa Admixtures, Inc. (formerly Master Builders), Cleveland, OH, where he is responsible for the organization's strategic direction in the ready mixed concrete and highway paving industries. Violetta has been with Degussa Admixtures for 25 years in various research, sales, and marketing positions, and was awarded the Master Merit Award for exceptional performance contributing to the success of the company.

An ACI member since 1983, Violetta is Chair of ACI Committee 309, Consolidation of Concrete. He is also Secretary of ACI Committee 212, Chemical Admixtures, and serves as a member of the Executive Committee of ACI's Strategic Development Council (SDC). He took a leadership role in the SDC Consortium on Service Life Prediction of Life Cycle Cost of Steel Reinforced Concrete, which contributed to the development and distribution of LIFE-365, Service Prediction Model. He is also actively involved with the NRMCA and the Concrete Corrosion Inhibitors Association.

Violetta has authored papers and lectured extensively on chemical admixtures, specialty concrete, and service-life prediction modeling. He received a degree in civil engineering from Cleveland State University, Cleveland, OH.

George R. Wargo is Manager of Civil/Structural Inspection and Testing Programs at Construction Engineering Consultants, Inc., Pittsburgh, PA, where he has developed and managed concrete quality control programs for nuclear and commercial construction projects.

He is a member and Chair of the ACI Membership Committee and ACI Committee 311, Inspection of Concrete. He is also a member of ACI Committees C 630, Construction Inspector Certification; C 630-T, Concrete Transportation Construction Inspector Certification; and C 620, Laboratory Technician Certification. He is a Past President of the ACI Pittsburgh Area Chapter and was Secretary/Treasurer of the chapter from 1991 to 1999. He has actively promoted and participated in numerous ACI certification programs conducted in the Pittsburgh area since 1985. In 2000, he received the Thomas "Tink" Bryan Award from the ACI Pittsburgh Area Chapter for "Outstanding Achievement, Commitment, and Service to the Concrete Industry."

He received his degree in architecture from Carnegie Mellon University, Pittsburgh, PA.

Sam X. Yao is a project manager with Ben C. Gerwick, Inc. He is a member of ACI Committees 304, Measuring, Mixing, Transporting, and Placing Concrete; 335, Composite and Hybrid Structures; 357, Offshore and Marine Concrete Structures; and 552, Geotechnical Cement Grouting. He has authored or co-authored numerous publications for ACI and other professional journals on floating concrete structures, underwater concrete, concrete-steel composite design, and concrete repair. He is a

frequent speaker at ACI conventions and other professional conferences on concrete technology and design practice.

Over the past 15 years, he has made significant contributions to concrete technologies through his active ACI committee work, publications, R&D work, and professional activities involving design and failure investigation of marine concrete structures. His research interests include innovative "in-the-wet" construction of marine structures, underwater concrete construction, and the design of floating concrete structures.

Yao received his MS and PhD in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL.

ARTHUR R. ANDERSON AWARD

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 Direction 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 degree in civil engineering from the University of Illinois in 1962.

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

Kenneth L. Beaudoin has been involved in the concrete construction industry for over 35 years. He is Vice President of Walbridge Aldinger, one of the largest general contracting firms in the State of Michigan. He began as a laborer, then worked in the field as a Layout Engineer, Superintendent, and General Superintendent before assuming his current position. Walbridge Aldinger carries 150 to 300 trades, places between 2,000,000 and 4,000,000 ft^2 of flatwork, and does an average of $20-30 million of concrete work per year. Throughout his years of dedication to concrete services at Walbridge Aldinger, Beaudoin has been involved in many noteworthy projects and has attained a keen insight to every facet of the construction process.

Beaudoin is a member of ACI Committees 302, Construction of Concrete Floors; C 640, Craftsman Certification; and the Construction Liaison Committee (CLC). He is also a former member of the Board of Directors of the ACI Greater Michigan Chapter.

JOE W. KELLY AWARD

Julio A. Ramirez is Professor, School of Civil Engineering, Purdue University, West Lafayette, IN, where he has been on the faculty since 1983.

An ACI Fellow, Ramirez serves on the ACI Board of Direction, and is Chair of ACI Subcommittee 318-E, Shear and Torsion. He is also a member of the ACI Technical Activities Committee (TAC); the ACI Young Member Award for Professional Achievement Committee; and ACI Committees 314, Simplified Design of Concrete Buildings; 318, Structural Concrete Building Code; 408, Bond and Development of Reinforcement; and E 803, Faculty Network Coordinating Committee. In addition, he is a member of Joint ACI-ASCE Committees 423, Prestressed Concrete, and 445, Shear and Torsion. He was a co-recipient of the Delmar L. Bloem Distinguished Service Award in 2000. His research interests include experimental studies on the behavior of structural concrete, use of high-strength concrete, durability and structural design of concrete bridges, and earthquake engineering. He has authored and coauthored over 100 publications.

Ramirez has been a member of several National Cooperative Highway Research Program panels, and is currently a member of the Precast/Prestressed Concrete Institute (PCI), the Earthquake Engineering Research Institute (EERI), Chi Epsilon, and the Society of Sigma Xi.

Ramirez received his PhD from the University of Texas at Austin, Austin, TX, in 1983.

HENRY L. KENNEDY AWARD

Sharon L. Wood is the Robert L. Parker, Sr., Centennial Professor in Engineering at the University of Texas at Austin, Austin, TX. She joined the faculty in the Department of Civil, Architectural, and Environmental Engineering at the University of Texas in 1996.

A Fellow of ACI, Wood serves as the Chair of the ACI Technical Activities Committee (TAC). She is also a member of ACI Committees 318, Structural Concrete Building Code; 369, Seismic Repair and Rehabilitation; 374, Performance-Based Seismic Design of Concrete Buildings; the Construction Liaison Committee (CLC); and the Convention Committee. She served on the ACI Board of Direction from 1997 to 2000 and chaired the Publications Committee from 1996 to 2002. She received the ACI Joe W. Kelly Award in 2002, the Arthur J. Boase Award from the Reinforced Concrete Research Council in 1998, and the Alfred Noble Award from the American Society of Civil Engineers (ASCE) in 1993. Her research interests include earthquake engineering, fatigue response of bridges, and wireless sensors for corrosion detection.

Wood received a BSCE from the University of Virginia, Charlottesville, VA, and her MSCE and PhD from the University of Illinois, Urbana-Champaign, Urbana, IL.

ALFRED E. LINDAU AWARD

Harold R. Sandberg is a Structural Engineer and Officer at Alfred Benesch & Co. He continues to be actively engaged in structural projects, particularly those built with reinforced concrete.

An ACI Fellow, Sandberg is a member of Joint ACI-ASCE Committee 343, Concrete Bridge Design. In 1971, while serving as Chair of this committee, he was

instrumental in organizing, and is still a member of, ACI Committees 341, Earthquake Resistant Concrete Bridges, and 342, Evaluation of Concrete Bridges and Bridge Elements, where he also served as Past Chair. In addition, he is Past Chair of ACI Committees 336, Footings, Mats, and Drilled Piers, and the Responsibility in Concrete Construction Committee, and is a past member of the ACI Board of Direction. Sandberg is a member of ACI Committees 116, Terminology and Notation; 345, Concrete Bridge Construction, Maintenance, and Repair; and 348, Structural Safety. He received the ACI Delmar L. Bloem Award for Distinguished Service in 1997 and the ACI Illinois Chapter Henry Crown Award in 2005.

Sandberg received a BS from the University of Illinois, Urbana, IL, in 1942. After serving in the U.S. Navy, he returned to the University of Illinois to teach while earning an MS in civil engineering in 1947.

HENRY C. TURNER MEDAL

Randall W. Poston is a Structural Engineer and Principal with WDP & Associates, Inc. (WDP), which has offices in Manassas, VA, and Austin, TX. He has been with WDP since its inception in 1995 and has been a consulting engineer for over 20 years.

An ACI Fellow since 1994, he is a member of ACI Committees 222, Corrosion of Metals in Concrete; 228, Nondestructive Testing of Concrete; 318-F, New Materials, Products, and Ideas; and is a member and Past Chair of ACI Committees 224, Cracking, and the TAC Repair and Rehabilitation Committee (TRRC). He also serves on the ACI Publications Committee and the Fellows Nomination Committee. Poston is a past member of the Technical Activities Committee (TAC) and the ACI Board of Direction. He received the ACI Construction Practice Award in 1998 and the ACI National Capital Chapter Outstanding Accomplishment Award in 1998.

He received a BS in civil engineering and an MS and PhD in structural engineering from the University of Texas at Austin, Austin, TX.

CHARLES S. WHITNEY AWARD

Structural Preservation Systems, founded in 1976, is the nation's leading specialty contractor focused on structural repair, maintenance, waterproofing, geotechnical construction, and strengthening services. Structural Preservation Systems' range of construction, repair, and protection services, as applied in many work environments, is unparalleled in the industry. Many services are provided to the commercial and public sectors, including repair, protection, and strengthening for buildings, hospitals, schools, hotels, parking facilities, condominiums, bridges, and other structures.

A Sustaining Member of ACI, Structural Preservation Systems enters 2006 as part of Structural Group, which encompasses Structural Preservation Systems, VSL, and Pullman Power with a team of more than 1200 employees who serve the entire U.S. from 18 field offices located throughout the country.

Notable projects performed by Structural Preservation Systems include three high-

priority civil infrastructure projects performed concurrently for a delayed coking unit at a major Southwest U.S. refinery, an emergency project on a preheater tower in Colorado requiring 24/7 operations, a multi-faceted plaza deck and garage restoration for a luxury condominium complex near Manhattan, the Consolidated Parking Facility at Baltimore/Washington's Thurgood Marshall International Airport, and the construction of a 1000 ft stack for the American Electrical Power Mountaineer Plant in West Virginia.

ACI CERTIFICATION AWARD

E.W. Geiger, III, is presently Chairman/CEO of Geiger Ready-Mix Co., Inc., and has been with the company for 37 years. Geiger Ready-Mix Co., Inc., is a family-owned company with the fourth and fifth generations actively engaged in the day-to-day operations of the company. The company was founded in 1892 in Leavenworth, KS, and has grown to include five ready-mix plants in the Kansas City metropolitan area. Geiger is also a founder of the metropolitan Kansas City area promotion group, Concrete Promotion Group.

Geiger became involved with the ACI certification process when it was first introduced. Out of approximately 180 employees at Geiger Ready-Mix Co., Inc., 42 hold current ACI certifications. Twenty-three of these employees are batch operators and drivers. Geiger is one of 20 members of the Geiger team who holds dual certification from ACI.

He received a BS in business from the University of Kansas, Lawrence, KS.

Merlin J. "Red" Holland began his career as a Field Engineer with the Portland Cement Association (PCA) in 1953. He was later promoted to Office Engineer in Des Moines, IA, and later to District Engineer of the Missouri District. In 1971, he was named Regional Manager of the nine-state Rocky Mountain Northwest Region. He retired in 1989, after working for PCA for 35 years. He also served a short time as the Executive Director of the Colorado Ready Mixed Concrete Association (CRMCA).

Holland is a member of ACI Committee C 620, Laboratory Technician Certification, and is Chair of the ACI Certification Committee of CRMCA, the ACI local sponsoring group in Colorado. In 1999, the ACI Rocky Mountain Chapter presented him with the J. Robert Florey Award for career devotion to the improvement of concrete construction.

He is a Fellow of the American Society of Civil Engineers (ASCE) and an Honorary Member of the ACI Rocky Mountain Chapter. His research interests include the design, construction, and behavior of concrete and its components.

Holland received his BSCE from Iowa State University, Ames, IA, in 1949, and is a licensed Professional Engineer.

John T. Paxton is a Consultant who retired in 2001 from the Ohio Ready Mixed Concrete Association after over 10 years of service. Prior to his tenure at the Ohio Ready Mixed Concrete Association, he worked for the Ohio Department of Transportation (ODOT) and was the Engineer of Tests during his last 5 years there. Paxton has dedicated his career to concrete and materials testing, and is currently responsible

for setting up and staffing Barr & Prevost's testing laboratory.

A member of ACI, Paxton co-authored a research report titled "Development of Laboratory Methods for Determining D-Cracking Susceptibility of Ohio Gravel and Limestone, Coarse Aggregates in Concrete Pavements," and has authored a report on a research project titled "Development of Laboratory and Field Test Methods for Detecting D-Cracking Susceptibility of Ohio Coarse Aggregates in Concrete Pavements." He is a member of the Transportation Research Board (TRB) and ASTM International.

Paxton majored in civil engineering at Ohio State University. He is a registered Professional Engineer in the state of Ohio.

ACI DISTINGUISHED ACHIEVEMENT AWARD

The **Carolinas Ready Mixed Concrete Association (CRMCA)** is a nonprofit organization established in 1951 by large and small ready mixed concrete producers and associated members who supply materials, equipment, and service to the industry in North and South Carolina. The purpose of the CRMCA is to present a single voice before state and federal governments that regulate the industry, provide a clearinghouse for members to coordinate efforts in solving common problems, sponsor educational programs to promote the industry, promote the highest standards of business practices, promote increased use and applications of ready mixed concrete, and to enhance cooperation between suppliers and providers of ready mixed concrete.

To achieve these goals, the CRMCA formed Concrete Education Council Chapters, of which there are 10 chapters in the Carolinas. Each chapter meets nine times a year and conducts educational or promotional programs in their geographical area. Some notable programs implemented by the CRMCA include the development of the Pervious Concrete Installer & Technician Program in 2002, the first training program in the nation for pervious concrete installers and technicians; the College Outreach Program, created in 2005, for universities and colleges with architectural, engineering, and construction management departments; and "The Challenge," launched in 2004, which challenges CRMCA members to interact with members of the design community to bring them pertinent concrete information about new technologies, designs, products, and resources.

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

James H. Hanson is an Assistant Professor of Civil Engineering at the Rose-Hulman Institute of Technology in Terre Haute, IN, where he teaches mechanics courses at the freshman through senior levels, including structural analysis and design. Prior to that, he was a Visiting Professor at Bucknell University in Lewisburg, PA, and an instructor at Cornell University in Ithaca, NY.

An ACI member, Hanson is a member and Chair of ACI Committee E 802, Teaching Methods and Educational Materials, is a member and Secretary of ACI Committee

446, Fracture Mechanics, and is a member of ACI Committee 440, Fiber Reinforced Polymer Reinforcement.

Hanson's research interests include pedagogical and applied research, which encompasses test methods for measuring fracture properties of concrete. He has developed a new test method and organized an international round-robin study to compare several test methods. He has published 10 articles on fracture of concrete. His pedagogical research interests include measuring the effectiveness of teaching methods. Through a grant from the National Science Foundation, he is currently developing teaching resources to help undergraduates develop the same skills that experienced structural engineers use to evaluate structural analysis and design results. He has published or is currently working on six articles on pedagogical topics.

Hanson earned his BS, MEng, and PhD in civil engineering from Cornell University. Between undergraduate and graduate studies, he served 4 years in the U.S. Army as an Engineer Lieutenant at Ft. Leonard Wood, MO. He is also a licensed Professional Engineer.

Gustavo José Parra-Montesinos has been an Assistant Professor of Civil Engineering at the University of Michigan, Ann Arbor, MI, since September 2000, where he also serves as Director of the Structural Engineering Laboratory.

An ACI member, he is a member and Secretary of ACI Committee 335, Composite and Hybrid Structures, and a member of ACI Committee 318-F, New Materials, Products, and Ideas; ACI Committee 544, Fiber Reinforced Concrete; and Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures. He received the 2004 Shah Family Innovation Prize from the Earthquake Engineering Research Institute (EERI) for his work on the use of high-performance fiber-reinforced cement composites (HPFRCCs) in earthquake-resistant construction. His research interests include the seismic design and behavior of reinforced concrete, fiber-reinforced concrete, and composite concrete-steel structures.

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

WASON MEDAL FOR MOST MERITORIOUS PAPER

Eric M. Hines has been a Structural Engineer at LeMessurier Consultants in Cambridge, MA, since 2002, and became an Associate in 2004. Recent projects include the design of a 37-story structural concrete residential tower in Boston, MA, and a 62-story steel hotel tower in Beijing, China, as well as the structural renovation of several steel, concrete, and masonry buildings in the Eastern U.S. Hines is also a Research Assistant Professor in the Department of Civil and Environmental Engineering at Tufts University, Medford, MA, where he leads a team investigating the seismic performance of low-ductility structural systems in New England and other moderate seismic regions.

Hines is a member of ACI Committee 341, Earthquake-Resistant Concrete Bridges, and Chair of ACI Subcommittee 341-D, Performance-Based Seismic Design of Bridge Systems. His research interests include the study of web crushing in high-strength concrete structural walls and the assessment of building system vibrations due to trains and human activity.

He received his BSE in civil engineering with a concentration in architecture from Princeton University, Princeton, NJ, and studied glazed grid shells as a Fulbright Fellow at the University of Stuttgart, Stuttgart, Germany. He received his MSE and PhD in structural engineering from the University of California-San Diego, La Jolla, CA, where he was involved in the large-scale testing of the structural concrete Skyway Piers that support the new East Bay Spans of the San Francisco-Oakland Bay Bridge.

Frieder Seible has been serving as the Dean of the Jacobs School of Engineering, University of California, San Diego, San Diego, CA, since 2002 and holds the Eric and Johanna Reissner Chair in Applied Mechanics and Structural Engineering and the Walter J. Zable Chair in the Jacobs School of Engineering.

An ACI Fellow, Seible is a member of the ACI International Conferences/Conventions Subcommittee. He received the ACI Structural Research Award in 2000 and 2002, and the ACI San Diego International Chapter Award for Outstanding Concrete Project in 1993.

Seible developed and directs the Charles Lee Powell Structural Research Laboratories, which serve as a worldwide resource for full-scale testing and analysis of structures. He has published close to 600 papers and technical reports mainly related to seismic design of bridges and buildings, and has served on or led many committees on security, reconstruction, and retrofit of buildings, bridges, and transportation infrastructure.

Seible received a Dpl. Ing. from the University of Stuttgart, an MSc from the University of Calgary, Calgary, AB, Canada, and a PhD from the University of California, Berkeley, CA, all in civil engineering.

ACI CONSTRUCTION AWARD

Patrick J. Harrison is a Senior Consultant for Structural Services, Inc. He has over 23 years of experience in consultation for concrete floor slab design, construction, materials proportioning, and testing. He previously held the position of Vice President with a national concrete flooring contractor, and then Manager of Industrial Flooring for a leading fiber reinforcing manufacturer. His specialization includes high quality surface tolerances, hardened surfaces, bonded toppings, post-tensioning, steel fiber reinforcing, and shrinkage-compensating concrete systems for both industrial and retail concrete slabs on ground.

He is a member of ACI Committees 223, Shrinkage-Compensating Concrete; 360, Design of Slabs on Ground; and is Chair of ACI Committee 302, Construction of Concrete Floors. Since 1994, he has been an instructor for the ACI Concrete Slab

on Ground seminars given throughout the U.S. to educate owners, designers, and contractors in state-of-the-art design and construction methods. He has written several articles concerning slabs on ground design, construction, and concrete materials proportioning for various publications, including *Concrete Construction*, *Concrete International*, and *Concrete Products*.

Harrison received a BS in construction engineering from Kansas State University, Manhattan, KS, and an MBA from Rockhurst University, Kansas City, MO.

WASON MEDAL FOR MATERIALS RESEARCH

Anton K. Schindler is the Gottlieb Assistant Professor in the Department of Civil Engineering at Auburn University, Auburn, AL. He has served on the faculty for the past 4 years and has twice been selected by students as the department's Outstanding Faculty Member. He teaches courses in engineering mechanics, structures, and concrete materials.

Schindler is Secretary of ACI Committee 231, Properties of Concrete at Early Ages; a member of ACI Committee 211, Proportioning of Concrete Mixtures; and an associate member of ACI Committee 237, Self-Consolidating Concrete. His research interests include nondestructive testing, concrete properties, early-age behavior of concrete structures, self-consolidating concrete, and concrete performance modeling.

He received his BSE from the University of Pretoria, South Africa, and his MSE and PhD from the University of Texas at Austin, Austin, TX.

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

Eric M. Hines see pages 59-60 for bio.

José I. Restrepo is an Associate Professor in the Department of Structural Engineering at the University of California, San Diego, CA. He has been with UCSD for 5 years, and is also the Director of Operations for the Charles Lee Powell Structural Research Laboratories at UCSD and is the Principal Investigator for the NSF-funded Large High-Performance Outdoor Shake Table located at the Robert Englekirk Center within the Powell Laboratories. Restrepo was a Senior Lecturer at the University of Canterbury, Christchurch, New Zealand, from 1994 to 2000.

Restrepo received a civil engineering degree at the University of Medellín, Colombia, and a PhD in civil engineering at the University of Canterbury, Christchurch, New Zealand.

Frieder Seible see page 60 for bio.

ACI DESIGN AWARD

Evan Bentz has been an Assistant Professor, Department of Civil Engineering, at the University of Toronto, Toronto, Ontario, Canada, for the past 6 years. He is a member

of ACI Committee 365, Service Life Prediction, and Joint ACI-ASCE Committee 445, Shear and Torsion.

His research interests include the development of computer programs for the analysis and design of reinforced and prestressed concrete members. One program called Response-2000 allows engineers to determine the shear strength of reinforced concrete sections using state-of-the-art analysis methods with a very easy to use interface. Another program called Life-365 has received extensive use in the design and analysis of service life for structures across North America. He has also developed new simplified equations for predicting the shear strength of reinforced and prestressed concrete beams and columns, which have been implemented in the Canadian Standards Association (CSA) design codes for buildings and the Canadian Highway Bridge Design Code.

Bentz received a bachelor's degree in civil engineering from the University of Waterloo and his doctorate from the University of Toronto in 1994 and 2000, respectively.

Michael P. Collins is University Professor and Bahen-Tanenbaum Professor of Civil Engineering at the University of Toronto. For more than 35 years he has led a research program at Toronto aimed at developing simple, rational approaches to the analysis and design of reinforced and prestressed concrete structures subjected to shear and torsion.

An ACI Fellow since 1980, Collins is a member of ACI Committee 318, Structural Concrete Building Code, and is a member of ACI Subcommittees 318-E, Shear and Torsion and 318-G, Precast and Prestressed Concrete. He is also a member of Joint ACI-ASCE Committee 445, Shear and Torsion. He has served on the ACI Board of Direction; the Awards for Papers Committee; the Educational Activities Committee (EAC); the Scholarship Council; the ACI Commemorative Lecture Series Committee; and the Committee on Nominations.

Collins has received a number of ACI awards, including the Joe W. Kelly Award in 1994, the Phil M. Ferguson Lecture Series Award in 1997 and the Arthur J. Boase Award in 2004. He was a co-recipient of the ACI Raymond C. Reese Structural Research Award in 1976; the Charles S. Whitney Award in 1989; the Wason Medal for Most Meritorious Paper in 1991; the ACI Structural Research Award in 1998; and the ACI Design Practice Award in 1999.

Collins is a graduate of the University of Canterbury, Christchurch, New Zealand, and the University of New South Wales, Sydney, Australia.

Adam Lubell is an Assistant Professor of Civil and Environmental Engineering at the University of Alberta, Alberta, Canada. Previously, he worked as a design engineer for Read Jones Christoffersen, a structural consulting firm in Vancouver, British Columbia, and as an Instructor in the Civil and Structural Engineering Technology program at the British Columbia Institute of Technology.

He is a member of ACI and his research interests include the design and rehabilitation of reinforced and prestressed concrete structures using high-performance materials and hybrid reinforcement configurations.

Lubell received a BASc and MASc from the University of Waterloo, Waterloo, Ontario, Canada, and the University of British Columbia, respectively. He is a PhD candidate at the University of Toronto, where he is studying the shear behavior of large, wide, reinforced concrete members. He is a licensed Professional Engineer in Ontario, Canada.

Ted Sherwood is currently completing his PhD in civil engineering from the University of Toronto, Canada. His doctoral research has focused on the shear behavior of large reinforced concrete beams and one-way slabs. Prior to his PhD studies, he worked as a project engineer with Halsall Associates in Toronto, where he conducted and oversaw condition assessments and repairs of numerous concrete structures and building envelope systems. He has also worked at Yolles Partnership, where he was involved in the structural design of high-profile buildings in Toronto.

His research interests include innovative rehabilitation techniques and the application of modern, durable materials in concrete construction; high-performance concrete; fiber-reinforced concrete; and high-strength corrosion-resistant reinforcement. He is also interested in the advancement of rational design methods for shear in concrete, such as those based on the modified-compression field theory and strut-and-tie models; and the development of simple, theoretically-sound design approaches for modern materials and rehabilitation techniques.

He received a BASc and MASc from the University of Waterloo, Canada.

DELMAR L. BLOEM AWARD FOR DISTINGUISHED SERVICE

Ronald A. Cook is a Professor of Civil Engineering, University of Florida, Gainesville, FL, where he has been involved in engineering research and education for the past 16 years. His prior work experience includes 3 years in construction and 11 years in engineering design.

An ACI Fellow, Cook is Chair of ACI Committee 355, Anchorage to Concrete, and is a member of ACI Committee 349, Concrete Nuclear Structures. He also serves on ACI Subcommittee 318-B, Reinforcement and Development. His research interests include experimental work with a particular interest in anchorage to concrete.

Cook received his BSCE and MS from the University of Tennessee at Knoxville, and his PhD from the University of Texas at Austin, Austin, TX. He is a registered Professional Engineer.

Mary K. Hurd has been an engineer, writer, and consultant in private practice for the past 14 years. She has also served on the ACI staff on three different occasions, and was previously Editor-in-Chief and Engineering Editor of *Concrete Construction* magazine.

Hurd is an ACI Honorary Member and is a member of ACI Committees 124, Concrete Aesthetics, and 347, Formwork for Concrete. Previously, she served on ACI's Board of Direction, the ACI International Activities Committee, the ACI Planning Committee, the ACI Publications Committee, the ACI TAC Metrication Committee, and the ACI

Concrete Research Council. She is Past President of the ACI Greater Michigan Chapter where she received the Arthur R. Moy Memorial Award. Hurd is also the author of ACI SP-4, *Formwork for Concrete*, the "green bible" of the formwork industry, of which she worked in conjunction with and received guidance from ACI Committee 347, Formwork. She received the ACI Construction Practice Award in 1982 and 1988, the ACI Delmar L. Bloem Distinguished Service Award in 1990, and the ACI Henry C. Turner Medal in 1995.

She is a life member of the American Society of Civil Engineers (ASCE), and maintains membership in the Precast/Prestressed Concrete Institute (PCI), The Concrete Society (UK), and the American Society of Concrete Contractors (ASCC). She is also Past President of the Detroit Concrete Improvement Board.

Hurd received her degree in civil engineering from Iowa State University, Ames, IA. In 2004, she received the Anson Marston Medal from the College of Engineering at Iowa State University in recognition of her lifetime career achievements.

W. Calvin McCall is a Senior Materials Engineer with Concrete Engineering Specialists, LLC, Charlotte, NC, where he investigates field problems related to material deficiencies, admixture and cement compatibility, and mixture designs that affect strength, setting, and finishing. He also evaluates the cause of cracking, surface defects and distress, and provides cost-effective solutions. During his 35 years of experience in the concrete construction and prestressed concrete industry, he has developed and managed quality assurance, quality control, and concrete inspection programs.

An ACI Fellow, McCall is a member of ACI Committees 122, Energy Conservation; 213, Lightweight Aggregate and Concrete; 223, Shrinkage-Compensating Concrete; 308, Curing Concrete; 318, Structural Concrete Building Code; 350, Environmental Engineering Concrete Structures; 533, Precast Panels; and C 630, Construction Inspector Certification. He is also a member and Chair of ACI Committee 301, Specifications of Concrete. He was the ACI Educational Seminar Speaker of the Year for 2002, is a Distinguished Member of the ACI Carolinas Chapter, and previously served on the ACI Board of Direction.

McCall received his degree in civil engineering technology from Central Piedmont Community College, Charlotte, NC, and is a registered Professional Engineer in the state of North Carolina.

Eldon G. Tipping is President of Structural Services, Inc. (SSI), Richardson, TX. He has more than 32 years of experience in the design and construction of concrete floors and was recently chosen by *Concrete Construction* magazine as one of the 10 most influential people in the concrete industry. Prior to founding SSI, he spent 12 years designing commercial and industrial structures and 3 years as Vice President at a commercial materials testing laboratory where he monitored construction projects. Tipping has led the structural design effort on a number of mid- and high-rise structures.

A Fellow of ACI and recently elected to the ACI Board of Direction, Tipping is a member of ACI Committees 360, Design of Slabs on Ground; 544, Fiber Reinforced Concrete; E 601, Seminar Oversight Committee; and the TAC Tolerance Coordinating Committee. He is also a member and Chair of ACI Committee 117, Tolerances, and is a member and Past Chair of ACI Committee 302, Construction of Concrete Floors. Since 1998, Tipping has been an instructor for the ACI Concrete Slabs-on-Ground educational seminars. He is the author of numerous articles in professional publications and has spoken annually since 1991 at World of Concrete on subjects related to tolerances, suspended slab construction, and industrial floor construction and repair. He is a member of the American Concrete Pavement Association (ACPA), the American Institute of Steel Construction, the American Society of Civil Engineers (ASCE), the American Society of Concrete Contractors (ASCC), ASTM International, the International Concrete Repair Institute (ICRI), and the Structural Engineers Association of Texas.

Tipping received a BS in architectural construction and an MA in construction management from Texas A&M University, College Station, TX, with an emphasis on structural design and management.

CHAPTER ACTIVITIES AWARD—DOMESTIC

Abdeldjelil "DJ" Belarbi is Distinguished Professor of Civil Engineering at the University of Missouri-Rolla (UMR), Rolla, MO, where he has spent the past 15 years as a faculty member.

An ACI Fellow, Belarbi is Past President of the ACI Missouri Chapter and has served as faculty advisor of the ACI-UMR Student Chapter since its initiation in 1995. He is Past Chair of ACI Committee E 801, Student Activities, and is Chair of ACI Subcommittee 440-E, FRP Professional Education and Joint ACI-ASCE Subcommittee 445-E, Torsion of Structural Concrete. He is a member of Joint ACI-ASCE Committee 445, Shear and Torsion; and ACI Committee 440, Fiber Reinforced Polymer Reinforcement. He has also served on ACI Committee E 802, Teaching Methods and Educational Materials; the Educational Activities Committee (EAC); and the Certification Programs Committee (CPC).

His research interests include the constitutive modeling and experimental investigations of reinforced and prestressed concrete structures and the use of FRP composites in civil engineering infrastructure. He has served as principal investigator in numerous funded research projects and has published over 90 technical papers.

Belarbi received his MSCE and PhD from the University of Houston, Houston, TX, and his Engineer Diploma from the University of Sciences and Technology of Oran in Algeria.

Robert L. Henry is National Secretary/Treasurer of Chi Epsilon, the National Civil Engineering Honor Society, headquartered at the University of Texas at Arlington. Prior to that, he worked as a structural engineer in the Dallas/Fort Worth, TX, area from 1977-1992 with Texas Testing Laboratories; Wiss, Janney, Elstner Associates; Maxim Engineers; and Bowen Structure. From 1964 to 1977, he was an Associate

Professor of Civil Engineering at the University of Mississippi.

An ACI member, he is a member of ACI Committees C 620, Laboratory Technician Certification; 116, Terminology and Notation; 123, Research and Current Developments; 311, Inspection of Concrete; 332, Residential Concrete Work; and 364, Rehabilitation. He is a past member of ACI Committees C 610, Field Technician Certification; 117, Tolerances; 121, Quality Assurance Systems for Concrete; and 544, Fiber Reinforced Concrete. He is also a member of the Chapter Activities Committee (CAC). Henry has served in all offices of the ACI Northeast Texas Chapter, including Secretary/Treasurer/Membership for 11 years. He has worked with three ACI national conventions, and was Convention Chair in Dallas, TX, in 1991.

Henry received his BS in civil engineering from West Virginia University in 1958, his MS in structural engineering from Iowa State University in 1963, and his PhD in structural engineering from North Carolina State University in 1971. He is a registered Professional Engineer.

CHAPTER ACTIVITIES AWARD—INTERNATIONAL

Mohan A. Jacob has worked as a Consultant for corporate contracting firms for the past 4 years, including being involved in the premier construction project of a large nationalized bank in Mumbai, India. Prior to that, he was Additional Director General, Central Public Works Department, Government of India, where he was involved in the construction of buildings and bridges in India and Nepal for 37 years until his retirement in 2001.

An ACI member, he has been a member of the ACI India Chapter since 1985, and a member of its Board of Directors since 1998. He is also Honorary Secretary and Treasurer of the chapter, and is involved in teaching technical seminars and helping to launch ACI certification courses in India.

He received a degree in civil engineering and his post-graduate degree in soil mechanics and foundations, which he completed in 1964, from the College of Engineering, Pune, India. He also received a diploma in specialized building construction from the Agency for Technical, Industrial, and Economic Cooperation, Paris, France, in 1974.

Antonio Nanni holds professorship positions at the University of Missouri-Rolla and the University of Naples-Federico II (Italy). He has been in academia since 1985 and, through consulting, has remained active in practice.

An ACI member, he is a member of the Concrete Research Council (CRC) and the TAC Repair and Rehabilitation Committee, is Chair of ACI Committee 437, Strength Evaluation of Existing Concrete Structures, and is a member of ACI Committees 440, Fiber Reinforced Polymer Reinforcement; 544, Fiber Reinforced Concrete; and 549, Thin Reinforced Cementitious Products and Ferrocement. He is a former member of ACI Committee 325, Concrete Pavements, and Joint ACI-ASCE-TMS Committee 530, Masonry Standards Joint Committee. In 1999, he received the ACI Delmar L. Bloem Distinguished Service Award in recognition of his work on Committee 440, of which he is the founding Chair.

Nanni received degrees from the University of Bologna, Bologna, Italy; the University of Witwaterswrand, Johannesburg, South Africa; and the University of Miami, Coral Gables, FL.

WALTER P. MOORE, JR., FACULTY ACHIEVEMENT AWARD

John J. Myers is an Associate Professor in the Department of Civil, Architectural, and Environmental Engineering at the University of Missouri-Rolla, Rolla, MO, and has served as a faculty member there since 1999. In addition to his academic experience, Myers has 10 years of consulting experience as a structural engineer working in the building design arena for RTKL Associates, Inc., LPJ Inc. of Baltimore, MD, and Jose I. Guerra, Inc., of Austin, TX.

Myers is a member of ACI Committees 201, Durability of Concrete; 342, Evaluation of Concrete Bridges and Bridge Elements; 440, Fiber Reinforced Polymer Reinforcement; and E 802, Teaching Methods and Educational Materials. He is the Chair of ACI Committee E 801, Student Activities; Co-Chair of ACI Subcommittee 440-L, Durability of FRP Concrete Structures; and Secretary of ACI Committees 363, High-Strength Concrete, and E 803, Faculty Network Coordinating Committee.

His research interests include high-performance concrete and use of fiber-reinforced polymers in structural repair and strengthening applications.

He received his bachelor's degree in architectural engineering (structures option) from Pennsylvania State University, University Park, PA, in 1987. He received his MS and PhD in civil engineering from the University of Texas at Austin, Austin, TX, in 1994 and 1998, respectively. Myers is currently a registered Professional Engineer in the states of Missouri, Maryland, and Pennsylvania.

CONCRETE RESEARCH COUNCIL ARTHUR J. BOASE AWARD

S.K. Ghosh is President of S.K. Ghosh Associates, Inc., Palatine, IL, and Laguna Niguel, CA. He is also an Adjunct Professor of Civil Engineering at the University of Illinois, Chicago, IL.

Ghosh is a member of ACI Committees 318, Structural Concrete Building Code; 435, Deflection of Concrete Building Structures; Joint ACI-ASCE-TMS Committee 530, Masonry Standards Joint Committee; and the TAC Technology Transfer Committee (TTTC). He is also Chair of the Innovative Task Group (ITG-4) on High-Strength Concrete. He is a Fellow of ACI and was awarded the ACI Structural Research Award in 1992 and the Alfred E. Lindau Award in 2004. He was the ACI Educational Seminar Speaker of the Year for 2003.

His research interests include earthquake-resistant design of reinforced and prestressed concrete structures and structural performance in earthquakes. He is known internationally for his work in earthquake engineering. He has influenced

seismic design provisions in the U.S. for many years by serving on or chairing numerous committees and advisory panels. He played a major role in the development of shearwall design provisions of the 1994 UBC and the precast concrete design provisions of the 1997 UBC.

Ghosh has lectured extensively in the U.S., Canada, and abroad on analysis, response, and design of concrete buildings. He specializes in the analysis and design, including earthquake-resistant design of reinforced and prestressed concrete structures. In addition to authoring many publications in the area of seismic design, he has investigated and reported on structural performance in recent earthquakes.

Ghosh received a PhD in structural engineering from the University of Waterloo, Waterloo, Ontario, Canada.

CONCRETE RESEARCH COUNCIL ROBERT E. PHILLEO AWARD

Surendra P. Shah is a Walter P. Murphy Professor of Civil Engineering at Northwestern University, Evanston, IL.

An ACI Fellow, he is a member and Past Chair of ACI Committees 215, Fatigue of Concrete and 544, Fiber Reinforced Concrete. He is also a member of ACI Committee 440, Fiber Reinforced Polymer Reinforcement; 446, Fracture Mechanics; 548, Polymers in Concrete; and 549, Thin Reinforced Cementitious Products and Ferrocement. Shah received ACI's Arthur R. Anderson Award in 1989.

In addition, he has been honored at ACI, RILEM, and Dundee University symposiums. He received ASTM International's Thompson Award, the ASCE CERF Charles Pankow Award, the Swedish Concrete Award, the RILEM Gold Medal, the *Engineering News-Record* Award, and the Popular Science Inventor Award.

His research interests include promoting cement and concrete research globally. He has been a Visiting Professor at MIT, Delft University, Denmark Technical University, the University of Sidney, and the University of Singapore. He is an Honorary Professor at Hong Kong Polytechnic University. He received the Alexander von Humboldt Award from Germany and NATO's Distinguished Visiting Scientist Award from France and Turkey.

Since its inception in 1989, Shah has been the Director of the Center for Advanced Cement-Based Materials (ACBM). ACBM is a pioneering National Science Foundation Science and Technology Center that conducts interdisciplinary research in conjunction with the University of Illinois, the University of Michigan, Purdue University, and the National Institute of Standards and Technology (NIST).

He has coauthored two textbooks, published more than 400 journal articles, coedited approximately 20 symposium volumes, and was Editor-in-Chief of the *Materials and Structures* journal. He has been a principal advisor for more than 100 graduate students and more than 60 post-doctoral fellows.

He received his undergraduate degree from India; his MS from Lehigh University, Bethlehem, PA; and his PhD from Cornell University, Ithaca, NY.

50-Year Membership Citations 16, 17

A

ACI Certification Award 18, 23-24, 57-58
ACI Construction Award 19, 27,60-61
ACI Design Award 18, 30-31, 61-63
ACI Distinguished Achievement Award 18, 25, 58
ACI Young Member Award for
Professional Achievement 18, 25-26, 58-59
Adebar, Perry 10, 39
Albright, Richard O. 16
Alfred E. Lindau Award 19, 22, 55-56
Arthur J. Boase Award,
Concrete Research Council 18, 36, 67-68
Arthur R. Anderson Award 19, 20, 54

B

Barlow, Peter 10, 39-40
Basheer, P.A. Muhammed 10, 40
Baty, George F. 10, 40-41
Beaudoin, Kenneth L. 20, 54
Beguin, Gilbert H. 16
Belarbi, Abdeldjelil "DJ" 34, 65
Bentz, Evan 30, 61-62
Bertero, Raúl D. 10, 41
Billington, Sarah L. 10, 41
Bimel, Carl 5
Bracci, Joseph M. 11, 41
Browning, Dean A. 11, 42
Burns, Ned H. 20, 54

C

Carolinas Ready Mixed Concrete Association 25, 58
Chapter Activities Award 19, 34-35, 65-67
Chapter Awards—Citations of Excellence 38
Charles S. Whitney Award 18, 23, 56-57
Cheek, Mark A. 11, 42-43
Chester Paul Siess Award for Excellence in
Structural Research 19, 28-29, 61
Collins, Michael P. 30, 62
Concrete Research Council—
Arthur J. Boase Award 18, 36, 67-68

Concrete Research Council—
Robert E. Philleo Award 18, 37, 68
Cook, Ronald A. 32, 63
Criswell, Marvin E. 11, 43

D

Delmar L. Bloem Award for
Distinguished Service 18, 32-33, 63-65
Dobrowolski, Joseph A. 16
Dovich, Laurel M. 11, 43
Durán-Herrera, Alejandro 11, 44

E

Elfgren, Lennart G. 12, 44

F

Fellows 9-15

G

Geiger, III, E.W. 23, 57
Ghosh, S.K. 36, 67-68
Gonzalez-Karg, Sergio 16
Gurfinkel, German R. 16

H

Hanson, James H. 25, 58-59
Harman, D. Kirk 12, 44-45
Harrison Patrick J. 27, 60-61
Henry C. Turner Medal 19, 22, 56
Henry L. Kennedy Award 19, 21, 55
Henry, Robert L. 34, 65-66
Hichborn, Sr., Geoffrey D. 12, 45
Hines, Eric M. 26, 28, 59-60, 61
Holland, Merlin J. "Red" 24, 57
Honorary Membership 4-8, 39
Horst, G.P. "Jum" 12, 45-46
Hurd, Mary K. 16, 32, 63-64

J

Jaber, Tarif M. 12, 46
Jacob, Mohan A. 35, 66
Joe W. Kelly Award 18, 21, 54-55
Joy, Thomas W. 17

K

Kennerly, Sr., Robert G. 17
Krstulovic-Opara, Neven 12, 46-47

L

Lopez, Robert V. 13, 47
Lubell, Adam 31, 62-63

M

MacGregor, James G. 17
McCall, W. Calvin 33, 64
Mehta, P. Kumar 6
Mirmiran, Amir 13, 47-48
Myers, John J. 36, 67

N

Nanni, Antonio 35, 66-67
Neff, Theodore L. 13, 48

P

Parnes, Jerry 13, 48
Parra-Montesinos, Gustavo José 26, 59
Pasquel, Enrique 13, 48-49
Paxton, John T. 24, 57-58
Polak, Maria Anna 13, 49
Poston, Randall W. 22, 56

R

Ramirez, Julio A. 21, 54-55
Reed, Margaret Hanson 14, 49-50
Reiterman, Roy H. 14, 50
Restrepo, José I. 29, 61
Ries, John P. 14, 50
Robert E. Philleo Award—
Concrete Research Council 18, 37, 68
Roger H. Corbetta Concrete Constructor Award 19, 20, 54
Ryan, Walter G.J. 17

S

Sandberg, Harold R. 22, 55-56
Santana Guillermo 14, 50-51
Schindler, Anton K. 28, 61

Schneider, Michael J. 14, 51
Schutz, Raymond J. 17
Seible, Frieder 27, 29, 60, 61
Shah, Surendra P. 37, 68
Sherwood, Ted 31, 63
Stojadinovic, Bozidar 14, 51-52
Structural Preservation Systems 23, 56-57
Swamy, Ramnath Narayan 7

T

Thomas, Michael D.A. 15, 52
Tipping, Eldon G. 33, 64-65
T.Y. Lin Award 37

V

Valluvan, Rajalingam 15, 52-53
Violetta, Bradley K. 15, 53

W

Walter P. Moore, Jr., Faculty Achievement Award 19, 36, 67
Wargo, George R. 15, 53
Wason Medal for Materials Research 18, 28, 61
Wason Medal for Most Meritorious Paper 18, 26-27, 59-60
White, Richard N. 8
Wood, Sharon L. 21, 55

Y

Yao, Sam X. 15, 53-54

Z

Zia, Paul 17