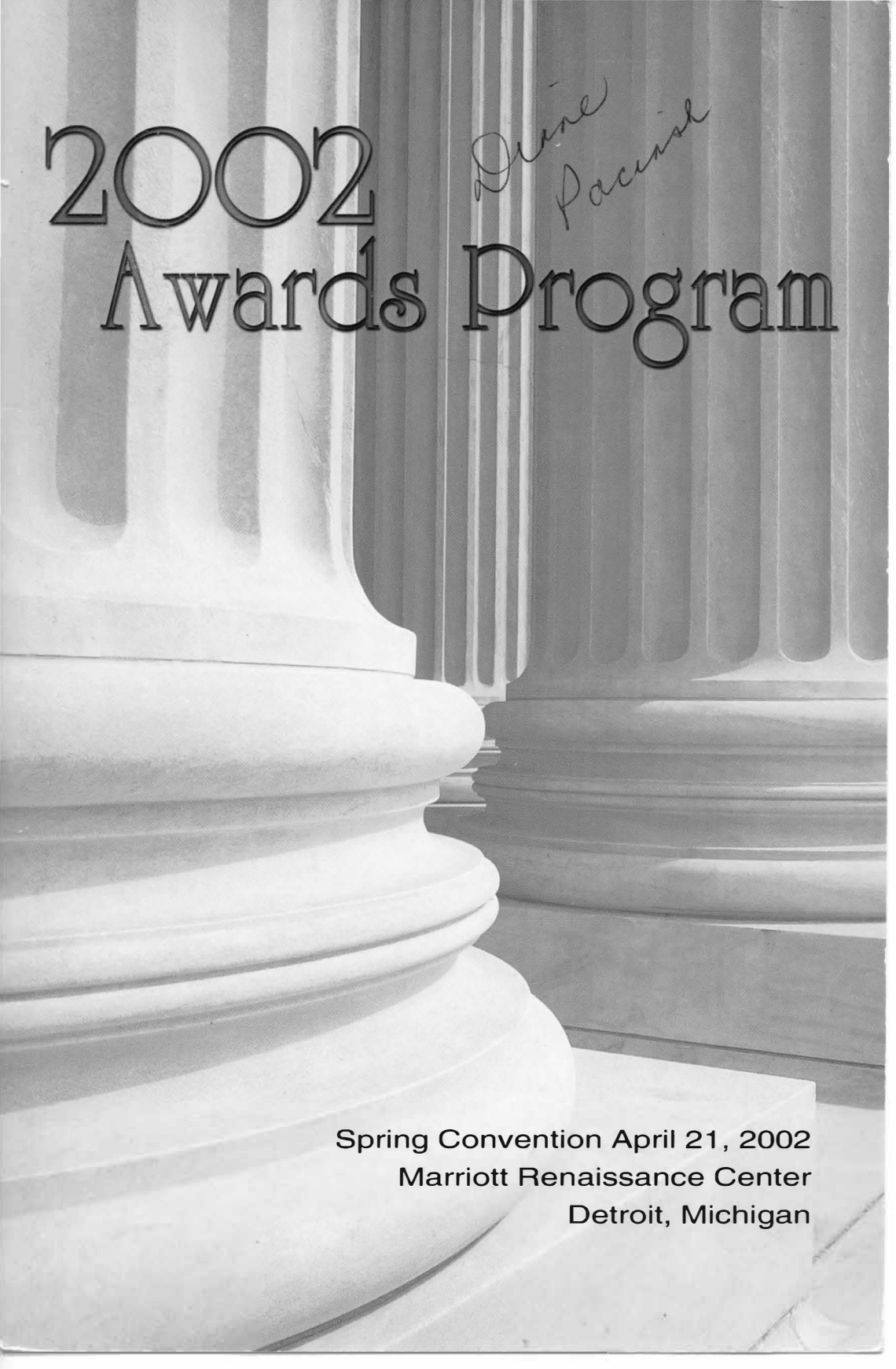


2002 Awards Program

Spring Convention April 21, 2002
Marriott Renaissance Center
Detroit, Michigan

Awards

HONORARY MEMBERSHIP

Vitelmo V. Bertero
George C. Hoff
George F. Leyh
Bertold E. Weinberg

FELLOWS

Riyad S. Aboutaha
Nick Paul Bada
F. Michael Bartlett
T. Michael Baseheart
Paul D. Carter
Jeffrey W. Coleman
Ronald A. Cook
Daniel P. Dorfmueller
Thomas J. Downs
Samuel A. Face, Jr.
Daniel W. Falconer
Hamid Farzam
Paul E. Gaudette
Walter H. Gerstle
Richard F. Heitzmann
Claude E. Jaycox
David A. Lange
Li-Hyung Lee
Donald G. McMican
Jan Olek
Robert C. O'Neill
Debrethann R. Cagley Orsak
Kelly M. Page
José A. Pincheira
Michael F. Pistilli
Thomas C. Schaeffer
Kwok-Nam Shiu
Joseph R. Solomon
Peter J. Steiner
Maher K. Tadros
Niels Thaulow
Thomas G. Weil

50-YEAR MEMBERSHIP CITATIONS

William T. Albanese
Ruben Cano-Vicario
Alberto S. C. Fava
Morris K. Goldsmith
Werner H. Gumpertz
William J. Hall
James E. Halpin
Abdel-Hady H. Hosny
Ib Falk Jorgensen
Lembit Kald
Yoshiro Koh
Edward C. Levy, Jr.
A. J. Macchi
Gustav R. Mayer
William M. Mlagenovich
Kiyoshi Okada
Stephen M. Olko
Walter Podolny, Jr.
Edward K. Rice
John A. Sbarounis
Floyd O. Slate
Mete A. Sozen

ARTHUR R. ANDERSON AWARD

Per Fidjestøl

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

Myles A. "Tony" Murray

JOE W. KELLY AWARD

Sharon L. Wood

HENRY L. KENNEDY AWARD

Anthony E. Fiorato

ALFRED E. LINDAU AWARD

James R. Cagley

HENRY C. TURNER MEDAL

Thomas B. Battles

CHARLES S. WHITNEY AWARD

The Thornton-Tomasetti Group, Inc.

CEDRIC WILLSON AWARD

David A. Crocker

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT
Robert J. Frosch
Kevin J. Folliard

WASON MEDAL FOR MOST MERITORIOUS PAPER
Frédéric Légeron
Patrick Paultre

ACI CONSTRUCTION PRACTICE AWARD
G. R. "Ray" Shashaani
Jim Vahman
Ed D. Valdez

WASON MEDAL FOR MATERIALS RESEARCH
Ulla Hjorth Jakobsen
Peter Laugesen
Niels Thaulow

ACI STRUCTURAL RESEARCH AWARD
Mervyn J. Kowalsky
M. J. Nigel Priestley
Frieder Seible

ACI STRUCTURAL ENGINEERING AWARD
Sarah L. Billington
Stephen B. Ratchye
John E. Breen
D. Andrew Vernooy

DELMAR L. BLOEM AWARD FOR DISTINGUISHED SERVICE
Jan Olek
Claude E. Jaycox
Nicholas A. Legatos

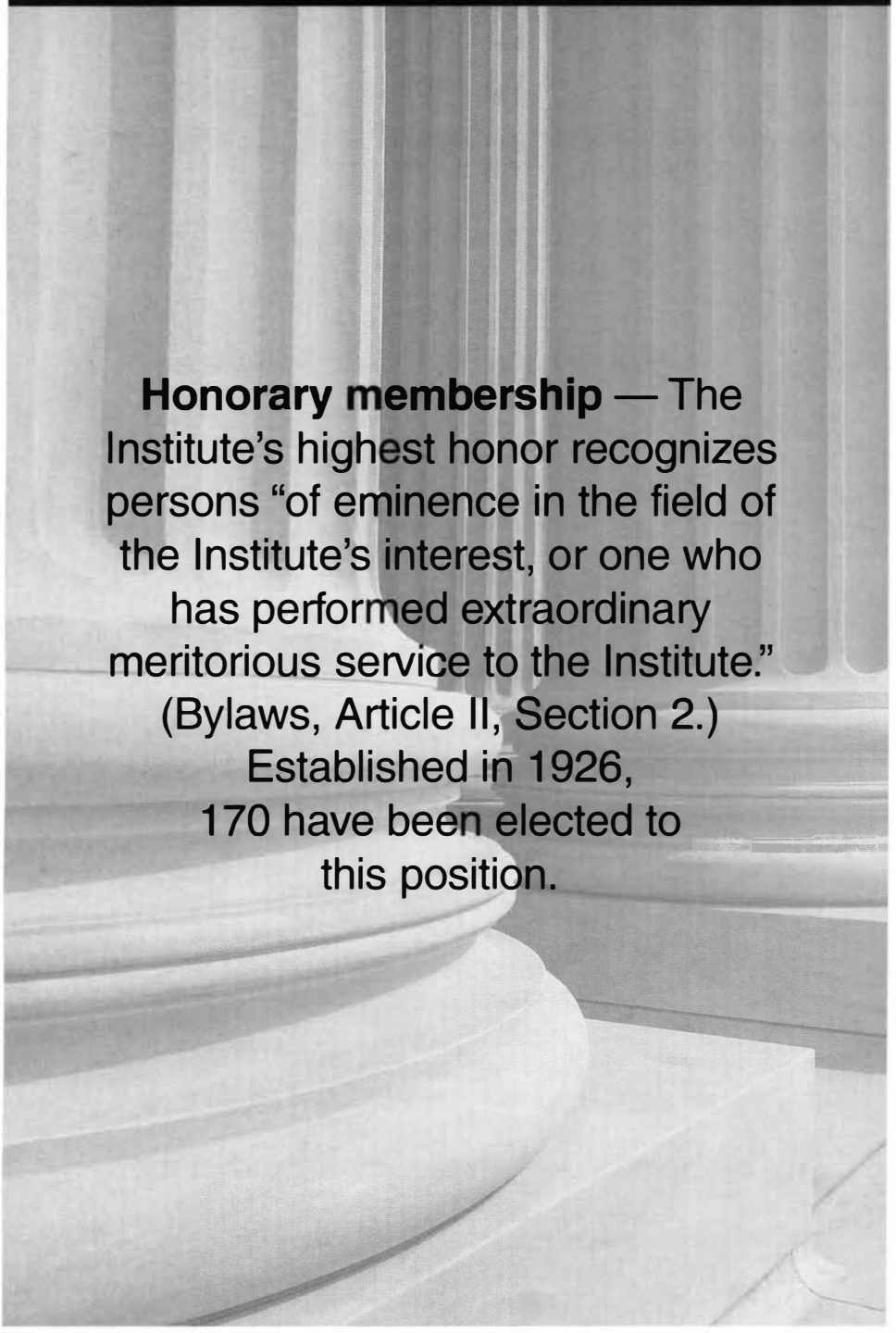
CHAPTER ACTIVITIES AWARD
Dianne Johnston

REINFORCED CONCRETE RESEARCH COUNCIL ARTHUR J. BOASE AWARD
James K. Wight

WALTER P. MOORE, JR. FACULTY ACHIEVEMENT AWARD
F. Michael Bartlett

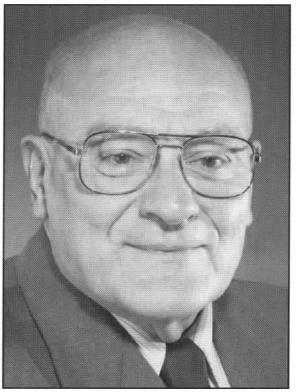
CHAPTER AWARDS — CITATIONS OF EXCELLENCE

PORTLAND CEMENT ASSOCIATION — CONCRETE IN TRANSIT AWARDS



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, 170 have been elected to this position.

"in recognition of his life-long efforts to improve concrete construction in seismic regions around the world through his inspired teaching and research in earthquake engineering"



Vitelmo V. Bertero

Vitelmo V. Bertero is Professor Emeritus of Civil Engineering and a Research Engineer at the Earthquake Engineering Research Center (EERC) and the Pacific Earthquake Engineering (PEER) Center of the University of California at Berkeley, CA, where he has been on the faculty for 44 years. He retired from teaching in 1991, but continues conducting research at the EERC/PEER.

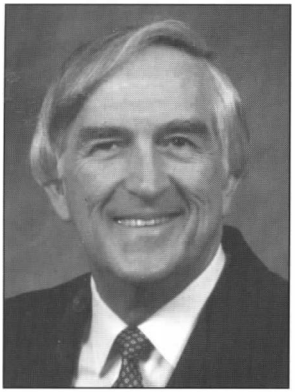
An ACI member since 1955 and a Fellow since 1975, Bertero received the ACI Structural Research Award in 1987 and the Arthur R. Anderson Award in 1990. He is a former member of Joint ACI-ASCE Committees 441, Reinforced Concrete Columns and Joints; 428, Limit Design; 442, Response to Lateral Forces; and 445, Shear and Torsion.

His primary research interest is in earthquake engineering, with an emphasis on non-linear behavior of reinforced concrete and steel structures, and seismic design. He has received more than 70 awards and honors for his teaching and publications on the seismic-resistant design of structures, and has authored more than 360 papers and reports on this subject.

Bertero is also a Fellow of ASCE, as well as a member of the International Association for Bridge and Structural Engineering, the Academy of Sciences of Argentina, the Academy of Engineering of Argentina, and the U.S. National Academy of Engineering. He is also an Honorary Member of the Structural Engineering Association of California, the Instituto de Ciencias de la Construcción Eduardo Torroja, and the Structural Engineering Association of Argentina. He serves as Honorary President of the Ibero-Americana Society of Seismic Engineering, and is a life member of the Indian Society of Earthquake Technology. He is an Honorary Professor of eight Latin American universities, where he has received the title of "Doctorado Honoris Causa en Ingenieria" from two of them.

A native of Argentina, Bertero received his degree in civil engineering from the Facultad de Ciencias Matemáticas, Físico-Químicas y Naturales, Rosario, Argentina, where he served on the faculty before moving to the U.S. He received an MS and a PhD in science in 1955 and 1957, respectively, from MIT, Cambridge, MA.

Honorary Members



George C. Hoff

"for his unsurpassed leadership and dedication to the Institute, and for his unstinting gifts of time, talent, and expertise"

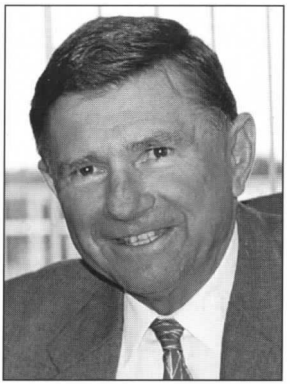
George C. Hoff is President of Hoff Consulting, LLC, Clinton, MS. He has over 40 years' experience working with concrete materials and structures.

An ACI member since 1962, Hoff became a Fellow in 1976 and has received the Henry L. Kennedy Award, 1983; the Wason Medal for Materials Research, 1984; the Chapter Activities Award, 1987; the Wason Medal for Most Meritorious Paper, 1994; and the Cedric Willson Award, 1995.

Hoff is the founder, first president, and a current member of ACI's Mid-South Chapter, and Managing Director of the Concrete Innovations Appraisal Service (CIAS) of the Strategic Development Council (SDC) of ConREF. Currently, he is a member of ACI Committees 223, Shrinkage-Compensating Concrete; 335, Composite and Hybrid Structures; 357, Offshore and Marine Concrete Structures; 523, Cellular Concrete; 544, Fiber Reinforced Concrete; and 548, Polymers in Concrete. Other memberships include the Reinforced Concrete Research Council (RCRC); the Technical Activities Committee's High-Performance Concrete Committee, the International Conference Steering Committee, and the ISO TC-71 Advisory Committee. He is a Past President of ACI (1993-1994) and a past member of the ACI Board of Direction.

Hoff received a BS degree in civil engineering in 1961, an MS degree in theoretical and applied mechanics in 1968 from the University of Illinois at Urbana-Champaign, and a PhD in civil engineering in 1981 from Texas A&M University, College Station, TX. He has been a registered professional engineer in the State of Mississippi since 1965.

"in recognition of his many years of leadership as Executive Vice President during which he stabilized the financial foundation of the Institute and promoted new directions for the membership"



George F. Leyh

George F. Leyh, ACI's former Executive Vice President, retired in 1998 after nearly 23 years in the position. Some highlights of Leyh's tenure at ACI include the implementation of Long-Range Planning (now Strategic Planning); expansion of technical and educational activities; and the initiation of a series of ACI certification programs aimed at improving construction quality. He also supervised the launch of *Concrete International* in 1979 and the pioneering of two separate ACI Journals–the *ACI Structural Journal* and the *ACI Materials Journal*. After a successful fundraising effort, a new ACI headquarters building was constructed in Farmington Hills, MI, and dedicated in 1996.

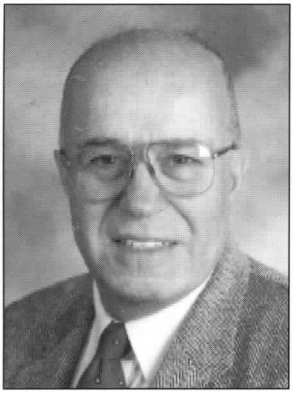
Under Leyh's direction, ACI increased its focus on international activities, with the Institute assuming the secretariat position of ISO Committee TC-71 on concrete. Leyh served as chairman of this committee until his retirement. The Concrete Research and Education Foundation (ConREF) was also established to further the Institute's efforts in research and education, and Leyh was instrumental in the formation of the Strategic Development Council (SDC) under ConREF to encourage practical research within the concrete industry.

As the Institute's chief staff officer, Leyh was an Ex-Officio Member of both the Board of Direction and the Executive Committee. He also served as President of ConREF and ACI's for-profit subsidiary, Association Concepts Ltd., which was created to provide management services to other organizations. Until recently, he served on the Board of the American National Standards Institute (ANSI) and the American Society for Concrete Construction (ASCC).

Prior to becoming an ACI staff member, Leyh served as a member and Chairman to various ACI technical committees, including Committee 318, Structural Concrete Building Code. An ACI Fellow, Leyh received the Delmar L. Bloem Award for Distinguished Service in 1972 for his contributions on Committee 318 and other ACI committees, and the Henry C. Turner Medal in 2000 "for his leadership in administration and technical activities of ACI over many years."

A native of upstate New York, he received his BCE and MS in structural engineering from Cornell University, Ithaca, NY. His career history prior to joining ACI includes work with engineering firms in Syracuse, NY, and Chicago, IL; the Portland Cement Association (PCA); and the Concrete Reinforcing Steel Institute (CRSI).

Honorary Members



Bertold E. Weinberg

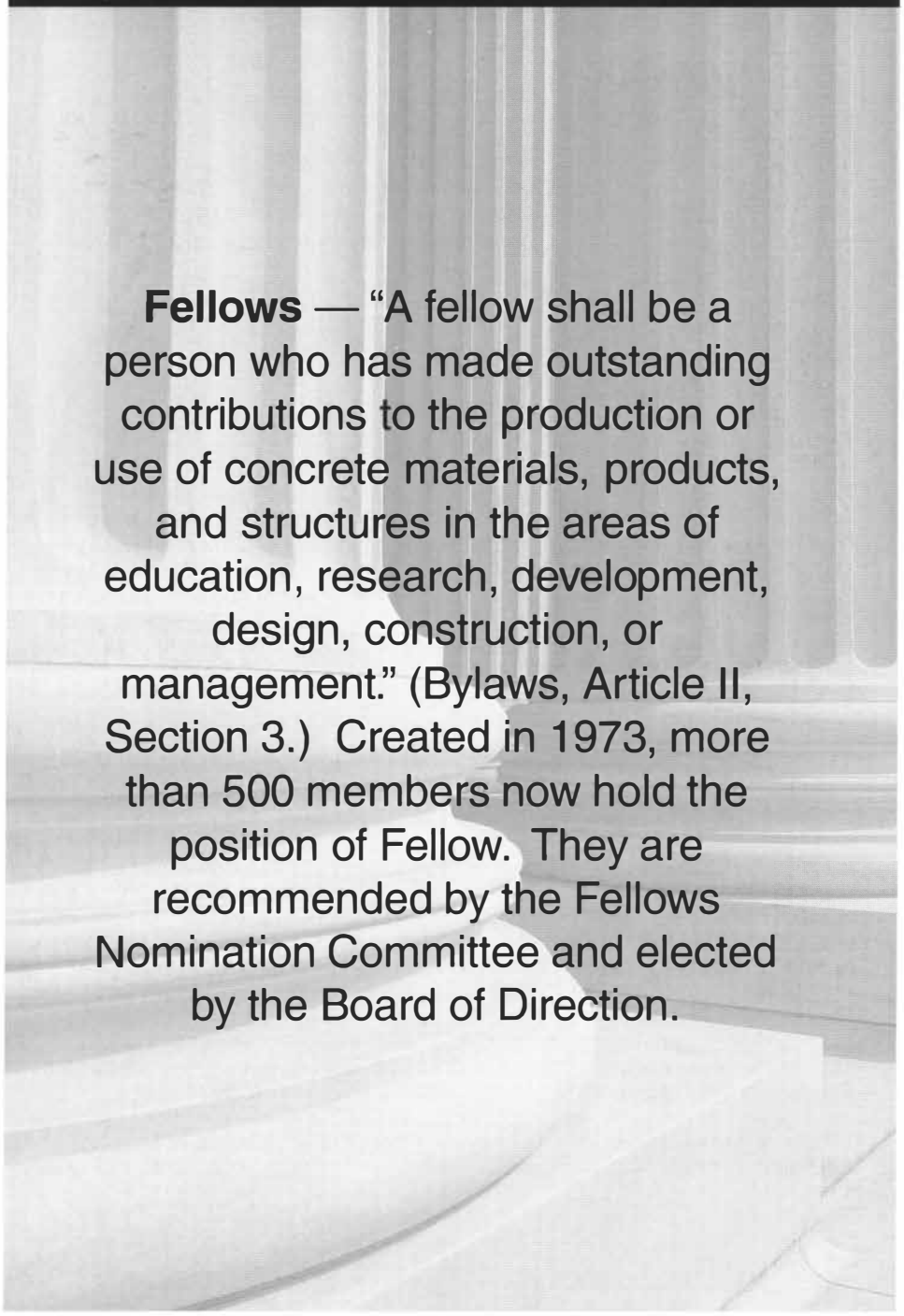
"for his long and dedicated service to the Institute and with special recognition of his outstanding efforts in supporting and expanding the scholarship program"

Bertold E. Weinberg, retired, has 44 years' experience as a structural and construction engineer. He has worked for engineering firms, contractors, developers, and government agencies in Albany and Delmar, NY; Pittsburgh, PA; and Chicago, IL. He was involved in the design and construction of numerous facilities, including Marina City (1959-1963), which were the world's tallest concrete buildings at that time (588 ft.). For the Dormitory Authority of the State of New York, he was responsible for the rehabilitation of dormitories on 29 state university campuses. In addition, he formulated and implemented agency-wide policies that impacted the design and construction of all of the agency's various structures.

After fleeing Nazi Germany, Weinberg came to the U.S. in 1940. He served in the military in World War II and retired as a Colonel from the Army Reserve, Corps of Engineers, in 1981.

He is currently Chairman of the Scholarship Council and ACI Committee C 630, Construction Inspector Certification. He is also a member of ACI Committees 311 (former Chairman), Inspection of Concrete; 362, Parking Structures; C 620, Laboratory Technician Certification; C 630-T, Concrete Transportation Construction Inspector Certification; the Responsibility in Concrete Construction Committee; and is a Trustee of the Concrete Research and Education Foundation (ConREF). He has served on the ACI Board of Direction, the Financial Advisory Committee (FAC), and the Certification Programs Committee, and is a past member and Chairman of Committee 348, Structural Safety, and Past President of ACI's Eastern New York Chapter. In 1977, he was awarded the Henry L. Kennedy Award.

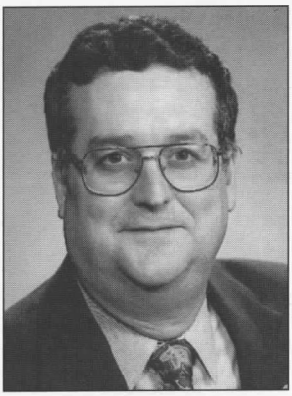
Weinberg received his BCE from Rensselaer Polytechnic Institute in Troy, NY, and his Master of Public Administration from the State University of New York in Albany.



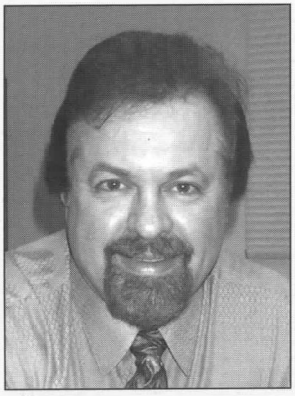
Fellows — "A fellow shall be a person who has made outstanding contributions to the production or use of concrete materials, products, and structures in the areas of education, research, development, design, construction, or management." (Bylaws, Article II, Section 3.) Created in 1973, more than 500 members now hold the position of Fellow. They are recommended by the Fellows Nomination Committee and elected by the Board of Direction.

Fellows

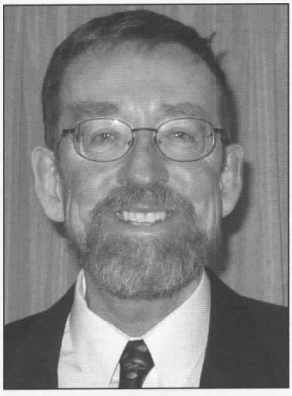
Riyad S. Aboutaha



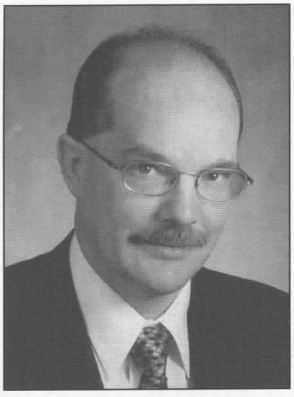
T. Michael Baseheart



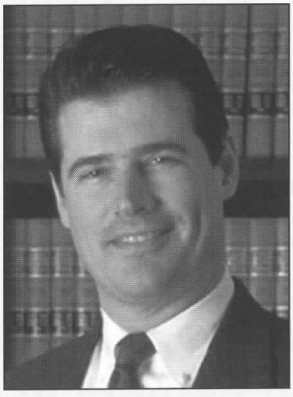
Nick Paul Bada



Paul D. Carter

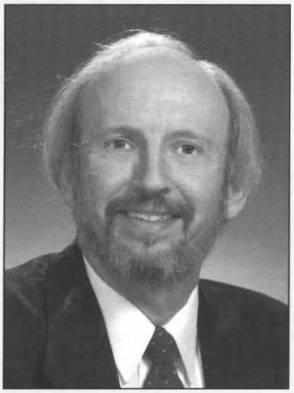


F. Michael Bartlett

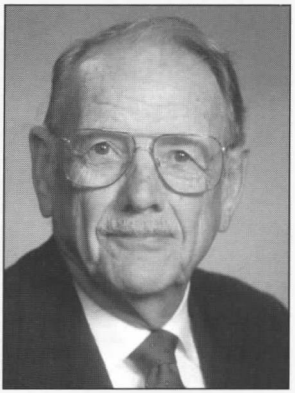


Jeffrey W. Coleman

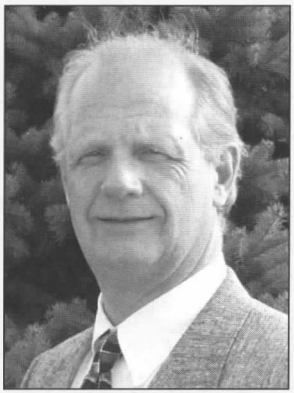
(For bios see pages 37-39)



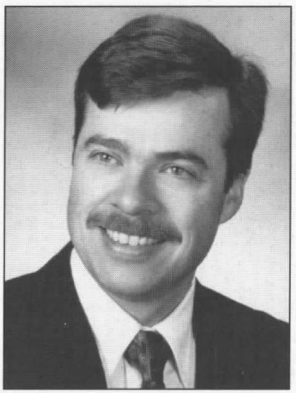
Ronald A. Cook



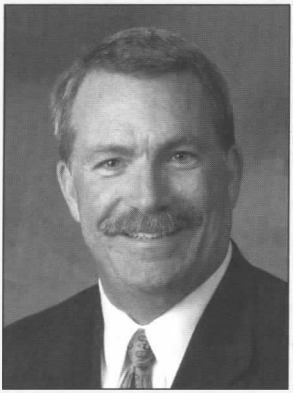
Samuel A. Face, Jr.*



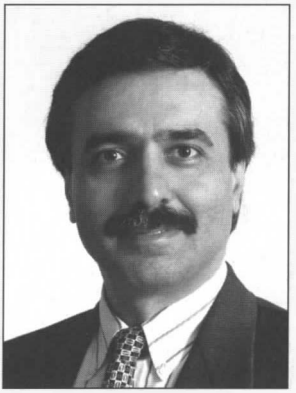
Daniel P. Dorfmueller



Daniel W. Falconer



Thomas J. Downs



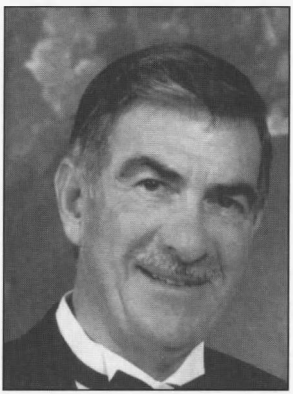
Hamid Farzam

*Deceased

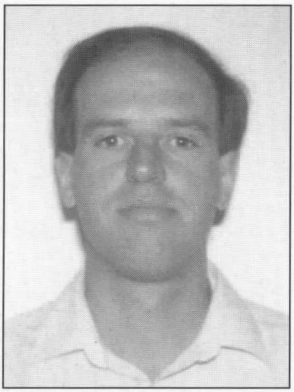
(For bios see pages 39-42)

Fellows

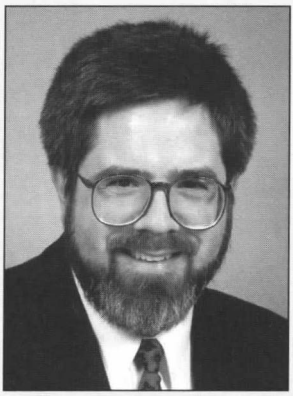
Paul E. Gaudette



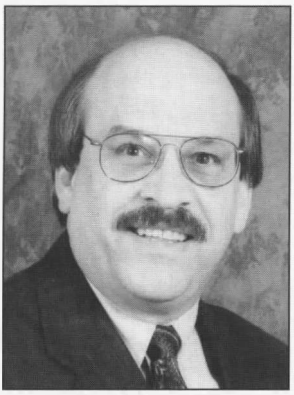
Claude E. Jaycox



Walter H. Gerstle

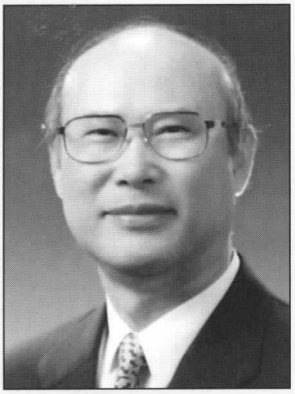


David A. Lange

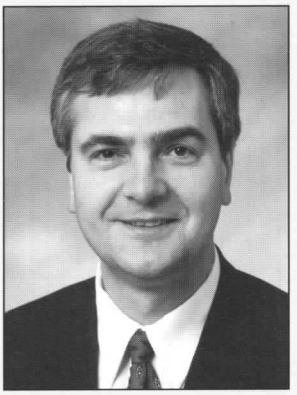


Richard F. Heitzmann

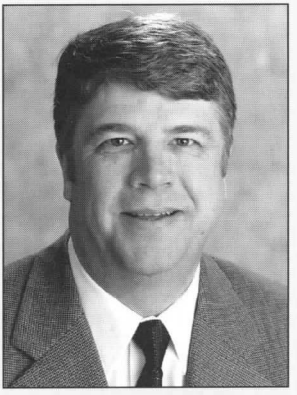
(For bios see pages 42-44)



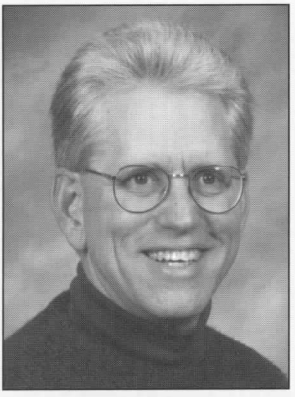
Li-Hyung Lee



Jan Olek



Robert C. O'Neill



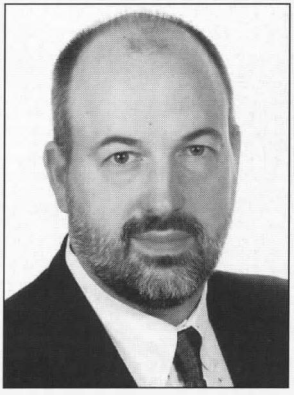
Donald G. McMican

Debrethann R. Cagley Orsak

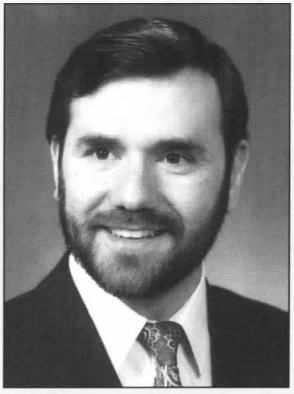
(For bios see pages 44-46)

Fellows

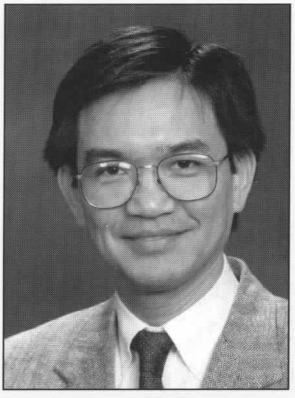
Kelly M. Page



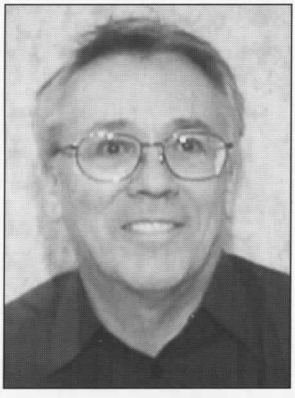
Thomas C. Schaeffer



José A. Pincheira

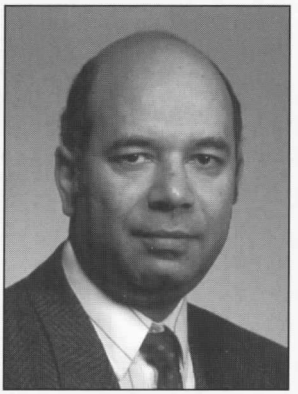


Kwok-Nam Shiu

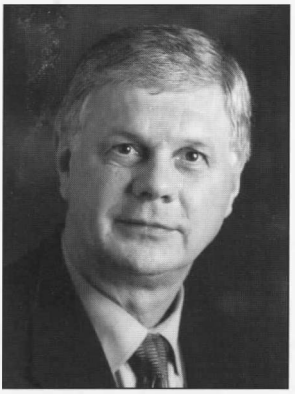


Michael F. Pistilli

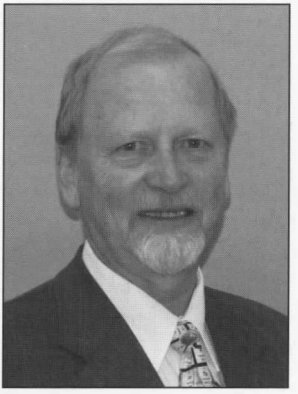
(For bios see pages 46-48)



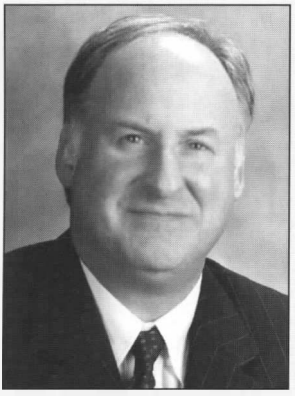
Maher K. Tadros



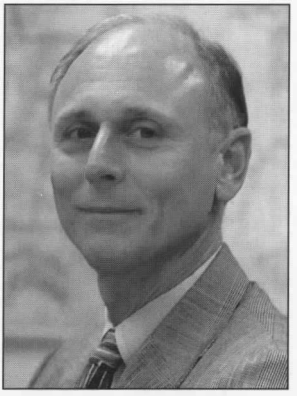
Joseph R. Solomon



Niels Thaulow



Peter J. Steiner



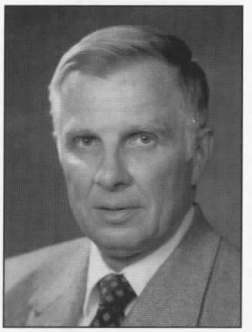
Thomas G. Weil

(For bios see pages 48-50)

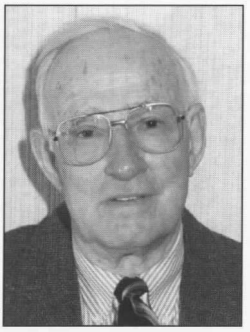
50-Year Membership Citations —

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

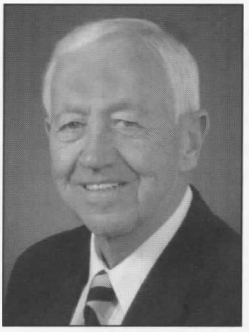
Werner H. Gumpertz



William J. Hall

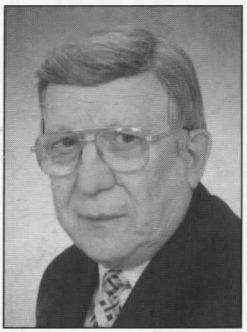


James E. Halpin



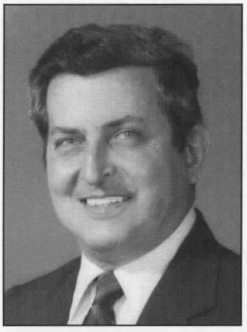
Ib Falk Jorgensen

Kiyoshi Okada

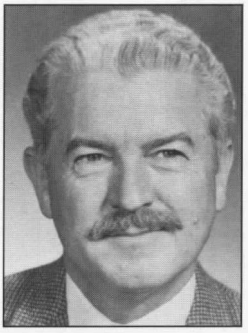


Walter Podolny, Jr.

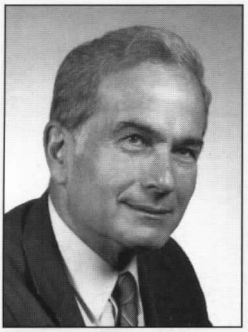
Edward K. Rice



John A. Sbarounis



Floyd O. Slate

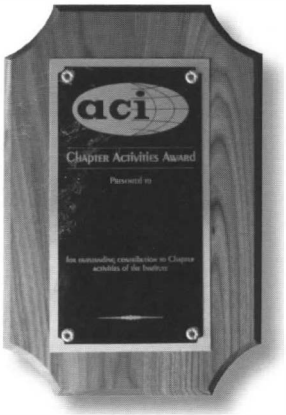


Mete A. Sozen

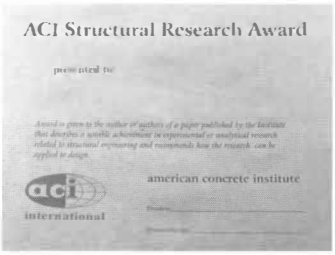
Not pictured:

William T. Albanese
Ruben Cano-Vicario
Alberto S. C. Fava
Morris K. Goldsmith
Abdel-Hady H. Hosny
Lembit Kald
Yoshiro Koh
Edward C. Levy, Jr.
A. J. Macchi
Gustav R. Mayer
William M. Mlagenovich
Stephen M. Olko

ACI Awards

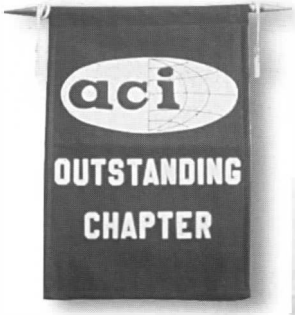

aci
Chapter Activities Award

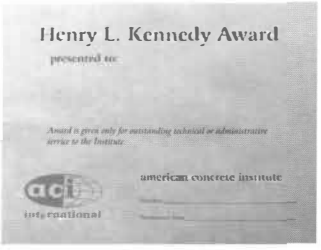

ANDERSON AWARD
CONCRETE INSTITUTE


ACI Structural Research Award
presented to
american concrete institute
international

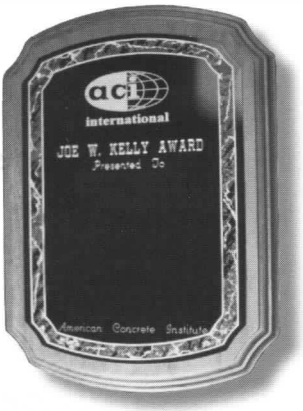

aci
international
CONSTRUCTION PRACTICE AWARD
2000


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

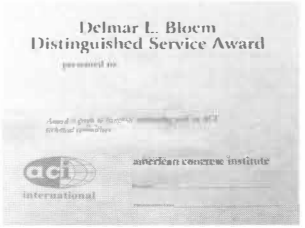

aci
OUTSTANDING
CHAPTER

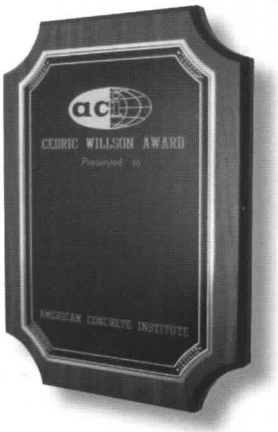

Henry L. Kennedy Award
presented to
american concrete institute
international

ACI Awards

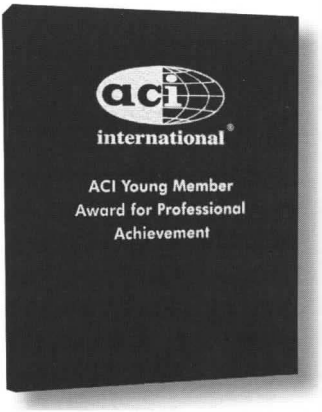

aci
international
JOE W. KELLY AWARD
Presented To
American Concrete Institute

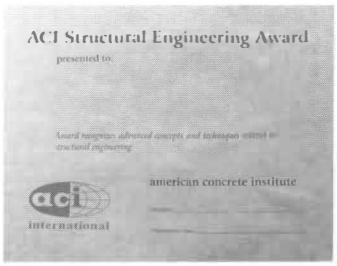

The Reinforced Concrete Research Council
of the
American Concrete Institute


Delmar L. Bloem
Distinguished Service Award
presented to
aci
international
american concrete institute


aci
CEDRIC WILLSON AWARD
Presented to
AMERICAN CONCRETE INSTITUTE

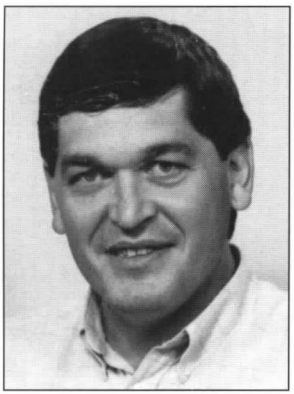

AMERICAN CONCRETE INSTITUTE


aci
international
ACI Young Member
Award for Professional
Achievement


ACI Structural Engineering Award
presented to
aci
international
american concrete institute


aci
EXCELLENT
CHAPTER

Arthur R. Anderson Award



Per Fidjestøl

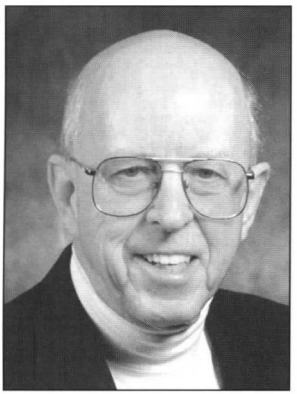
"in recognition of his many contributions to the development and utilization of high-performance concrete, and to improving the durability of concrete structures"

(For bio see page 51)

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



Myles A. "Tony" Murray

"in recognition of his significant contributions in developing and advancing concrete repair and restoration techniques and practices"

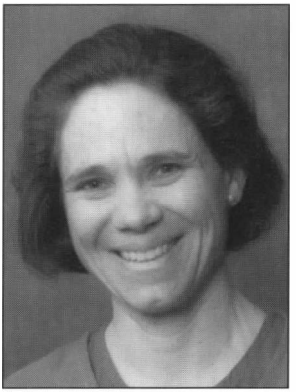
(For bio see page 51)

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

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

Joe W. Kelly Award

"in recognition of her dedication to improving the seismic resistant behavior and design of reinforced concrete structures through the education of students and engineers"



Sharon L. Wood

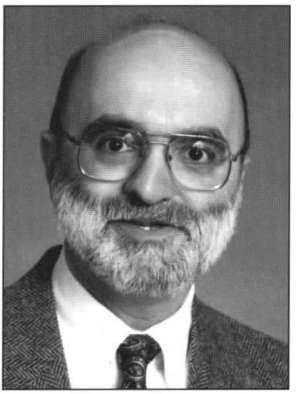
(For bio see page 52)

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

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

Henry L. Kennedy Award

"for his consistent and devoted service to the Institute, and especially for his skillful leadership of the Financial Advisory Committee"

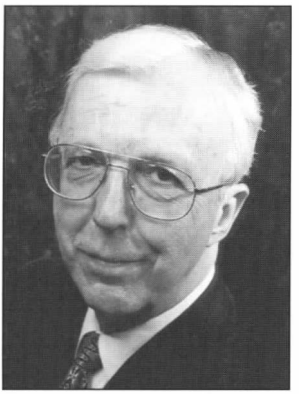


Anthony E. Fiorato

(For bio see pages 52-53)

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

Alfred E. Lindau Award



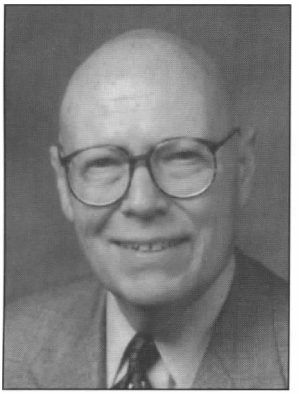
James R. Cagley

"for his outstanding contributions to reinforced concrete design practice, through his engineering practice, and through his service to professional societies, especially as chairman of Committee 318, Structural Concrete Building Code"

(For bio see page 53)

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

Henry C. Turner Medal



Thomas B. Battles

"for his outstanding contributions to the concrete industry, especially in the field of precast and prestressed concrete"

(For bio see pages 53-54)

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

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

Charles S. Whitney Award

"for outstanding achievements in innovative planning and design of high-rise buildings and other major structures"

The Thornton-Tomasetti Group Inc.
Thornton-Tomasetti Engineers • LZA Technology • LZA Associates

The Thornton-Tomasetti Group, Inc.

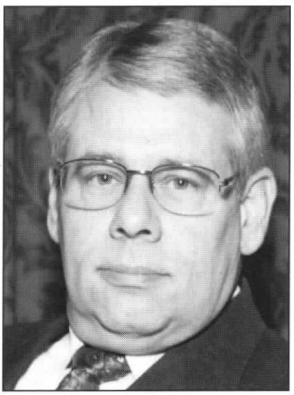
(For bio see pages 54-55)

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

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

Cedric Willson Award

"for his many contributions in the field of lightweight concrete, and improvements in its manufacture and use"

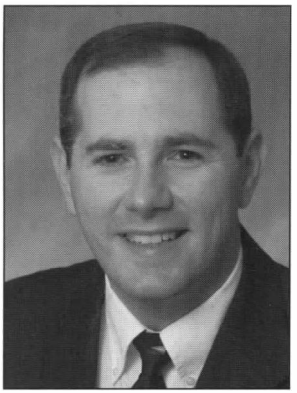


David A. Crocker

(For bio see page 55)

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

ACI Young Member Award for Professional Achievement



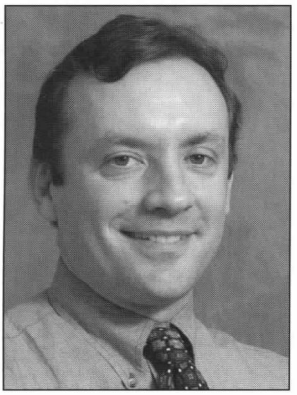
Robert J. Frosch

"for his innovative and inspiring teaching of reinforced concrete, and his contributions to the solution of the crack control problem in reinforced concrete"

(For bio see page 55)

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

ACI Young Member Award for Professional Achievement



Kevin J. Folliard

"for his numerous contributions to several ACI technical committees, and for his lengthy involvement in ACI currently as an excellent teacher of concrete technology, and as a student founding the ACI Student Chapter at the University of California at Berkeley"

(For bio see pages 55-56)

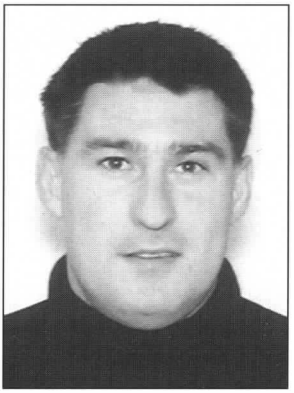
The **ACI Young Member Award for Professional Achievement** — Established in 1997 "for the purpose of recognizing the contributions of younger members of the Institute, and for professional achievement." Those selected must be Institute members, and 35 years of age or younger at the time of the nomination.

Wason Medal for Most Meritorious Paper

"for his co-authored paper furthering knowledge of the flexural behavior of large-scale high-strength concrete columns with regard to tie-spacing, tie volumetric ratio, and axial-load level"

"Behavior of High-Strength Concrete Columns under Cyclic Flexure and Constant Axial Load," *ACI Structural Journal*, Vol. 97, No. 4, Jul.-Aug. 2000, pp. 591-601 (97-S62).

(For bio see page 56)



Frédéric Légeron

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.

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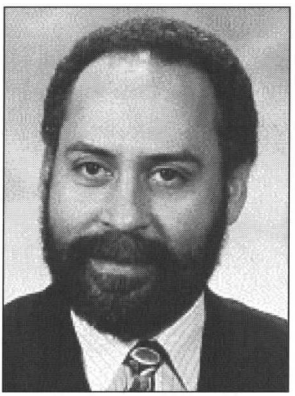
(For bio see pages 56-57)



Patrick Paultre

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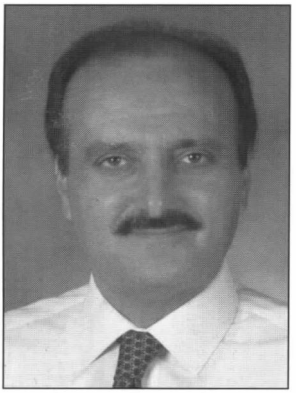
ACI Construction Practice Award



G. R. "Ray" Shashanni

"for his co-authored paper which presents a strong quality control procedure for building a floor slab on grade using 24 very practical steps that can be applied to systematic construction practice"

"24 Steps to Successful Floor Slabs," *Concrete International*, Vol. 22, No. 1, Jan. 2000, pp. 45-50.

(For bio see page 57)

The **ACI Construction Practice Award** — Founded in 1944, the intent of this award is to enrich the literature in construction practice and to honor the construction worker whose resourcefulness produces a completed structure from drawings and specifications. Not restricted to members of the Institute.

ACI Construction Practice Award

Jim Vahman

"for his co-authored paper which presents a strong quality control procedure for building a floor slab on grade using 24 very practical steps that can be applied to systematic construction practice"

"24 Steps to Successful Floor Slabs," *Concrete International*, Vol. 22, No. 1, Jan. 2000, pp. 45-50.

(For bio see page 57)

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(For bio see page 58)

Ed D. Valdez

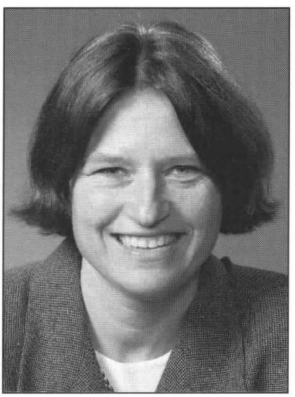
The **ACI Construction Practice Award** — Founded in 1944, the intent of this award is to enrich the literature in construction practice and to honor the construction worker whose resourcefulness produces a completed structure from drawings and specifications. Not restricted to members of the Institute.

Wason Medal for Materials Research

"for her co-authored paper which describes and validates a standardized optical fluorescence microscopy technique that can be used to determine the water-cement ratio of hardened concrete to an accuracy of about ±0.02"

"Determination of Water-Cement Ratio in Hardened Concrete by Optical Fluorescence Microscopy," *Water-Cement Ratio and Other Durability Parameters—Techniques for Determination*, SP-191, M.S. Khan, ed., American Concrete Institute, Farmington Hills, Mich., pp. 27-41.

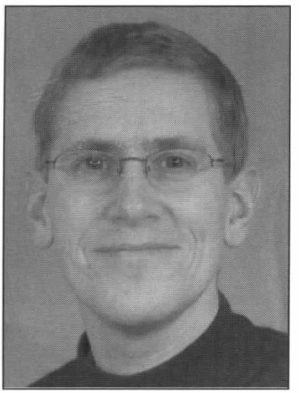
(For bio see page 58)



Ulla Hjorth Jakobsen

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

Wason Medal for Materials Research



Peter Laugesen

"for his co-authored paper which describes and validates a standardized optical fluorescence microscopy technique that can be used to determine the water-cement ratio of hardened concrete to an accuracy of about ±0.02"

"Determination of Water-Cement Ratio in Hardened Concrete by Optical Fluorescence Microscopy," *Water-Cement Ratio and Other Durability Parameters—Techniques for Determination,* SP-191, M.S. Khan, ed., American Concrete Institute, Farmington Hills, Mich., pp. 27-41.

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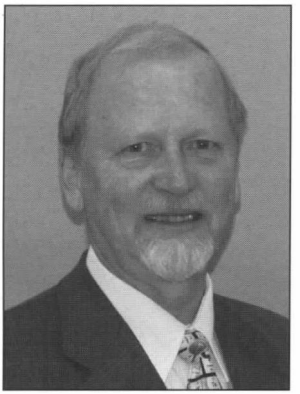
Wason Medal for Materials Research



Niels Thaulow

"for his co-authored paper which describes and validates a standardized optical fluorescence microscopy technique that can be used to determine the water-cement ratio of hardened concrete to an accuracy of about ±0.02"

"Determination of Water-Cement Ratio in Hardened Concrete by Optical Fluorescence Microscopy," *Water-Cement Ratio and Other Durability Parameters—Techniques for Determination,* SP-191, M.S. Khan, ed., American Concrete Institute, Farmington Hills, Mich., pp. 27-41.

(For bio see page 59)

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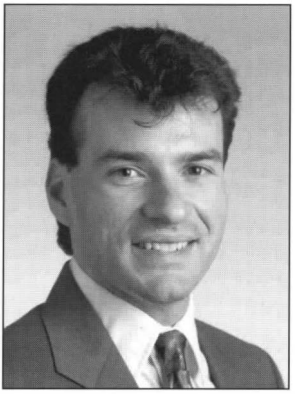
ACI Structural Research Award

"for his co-authored paper advancing the knowledge of shear and flexural dynamic response of lightweight concrete bridge members for the purpose of reducing seismic inertial forces"

"Dynamic Behavior of Lightweight Concrete Bridges," *ACI Structural Journal*, Vol. 97, No. 4, Jul.-Aug. 2000, pp. 602-618. (97-S63)



Mervyn J. Kowalsky

(For bio see page 59)

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

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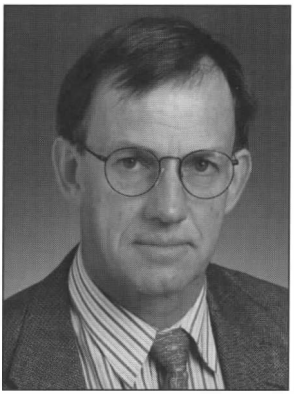
"for his co-authored paper advancing the knowledge of shear and flexural dynamic response of lightweight concrete bridge members for the purpose of reducing seismic inertial forces"

"Dynamic Behavior of Lightweight Concrete Bridges," *ACI Structural Journal*, Vol. 97, No. 4, Jul.-Aug. 2000, pp. 602-618. (97-S63)

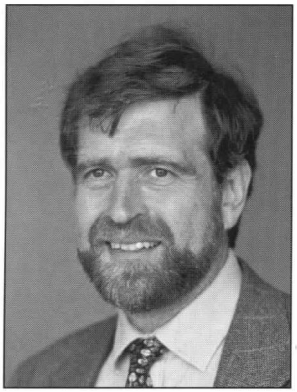


M. J. Nigel Priestley

(For bio see page 59)

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

ACI Structural Research Award



Frieder Seible

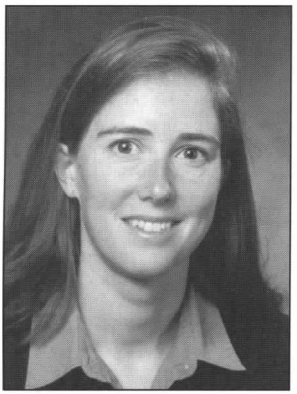
"for his co-authored paper advancing the knowledge of shear and flexural dynamic response of lightweight concrete bridge members for the purpose of reducing seismic inertial forces"

"Dynamic Behavior of Lightweight Concrete Bridges," *ACI Structural Journal*, Vol. 97, No. 4, Jul.-Aug. 2000, pp. 602-618. (97-S63)

(For bio see pages 59-60)

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

ACI Structural Engineering Award



Sarah L. Billington

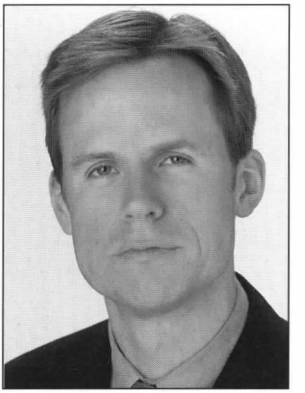
"for her co-authored paper which succinctly describes how Guidelines which balance aesthetics and efficiency can be developed for bridge engineers, and the impact they have on standard bridge design"

"Example Applications of Aesthetics and Efficiency Guidelines," *Concrete International*, Vol. 22, No. 2, Feb. 2000, pp. 66-75.

(For bio see page 60)

The **ACI Structural Engineering Award** recognizes advanced concepts and techniques related to structural engineering.

ACI Structural Engineering Award



Stephen B. Ratchye

"for his co-authored paper which succinctly describes how Guidelines which balance aesthetics and efficiency can be developed for bridge engineers, and the impact they have on standard bridge design"

"Example Applications of Aesthetics and Efficiency Guidelines," *Concrete International*, Vol. 22, No. 2, Feb. 2000, pp. 66-75.

(For bio see pages 60-61)

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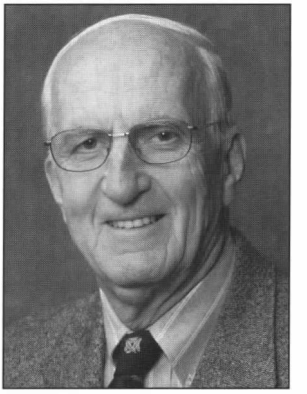

John E. Breen

"for his co-authored paper which succinctly describes how Guidelines which balance aesthetics and efficiency can be developed for bridge engineers, and the impact they have on standard bridge design"

"Example Applications of Aesthetics and Efficiency Guidelines," *Concrete International*, Vol. 22, No. 2, Feb. 2000, pp. 66-75.

(For bio see page 61)

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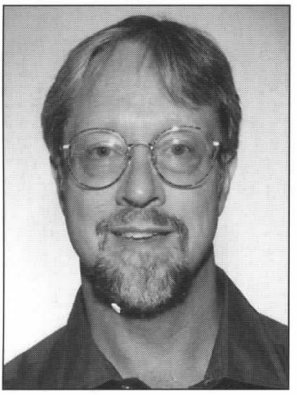


D. Andrew Vernooy

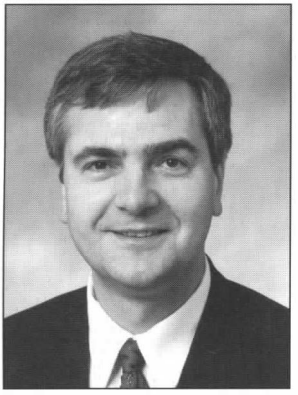
"for his co-authored paper which succinctly describes how Guidelines which balance aesthetics and efficiency can be developed for bridge engineers, and the impact they have on standard bridge design"

"Example Applications of Aesthetics and Efficiency Guidelines," *Concrete International*, Vol. 22, No. 2, Feb. 2000, pp. 66-75.

(For bio see pages 61-62)

The **ACI Structural Engineering Award** recognizes advanced concepts and techniques related to structural engineering.

Delmar L. Bloem Award for Distinguished Service



Jan Olek

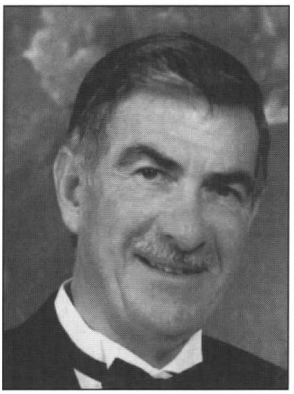
"for facilitating dissemination of technical information and promoting discussion of contemporary topics at ACI conventions as chair of ACI Committee 123"

(For bio see page 62)

The **Delmar L. Bloem Award for Distinguished Service** — In recognition of noteworthy work on ACI technical committees, this award goes to a current (or recent) chairman, or under special circumstances, to deserving individuals other than committee chairmen, 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 leadership of ACI Committee 311 resulting in the publication of the ACI Manual of Concrete Inspection*"*



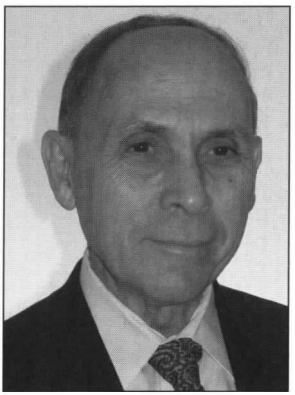
Claude E. Jaycox

(For bio see pages 62-63)

The **Delmar L. Bloem Award for Distinguished Service** — In recognition of noteworthy work on ACI technical committees, this award goes to a current (or recent) chairman, or under special circumstances, to deserving individuals other than committee chairmen, 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 leadership of ACI Committee 372 resulting in the publication of 'Design and Construction of Circular Wire- and Strand-Wrapped Prestressed Concrete Structures.'"



Nicholas A. Legatos

(For bio see page 63)

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Chapter Activities Award

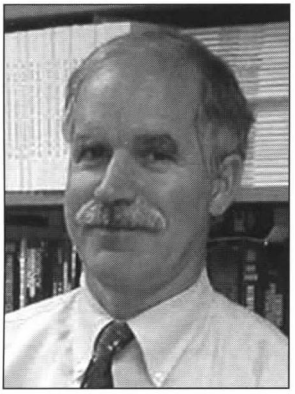
Dianne Johnston

"for her outstanding service to ACI International and the ACI New Jersey Chapter"

(For bio see pages 63-64)

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

Reinforced Concrete Research Council–Arthur J. Boase Award



James K. Wight

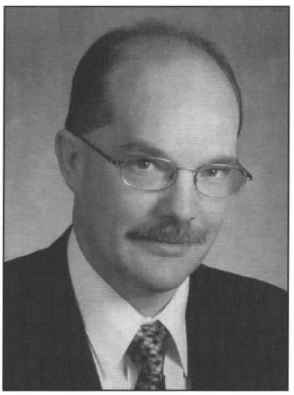
"in recognition of his outstanding accomplishments in research, teaching, and publication in the field of structural concrete and service on behalf of the American Concrete Institute"

(For bio see page 64)

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

Walter P. Moore, Jr., Faculty Achievement Award

"in recognition of excellence in teaching concrete structural design through his use of real-life examples and design assignments that progressively attain the level of professional practice, and co-authorship of the textbook 'Reinforced Concrete: Mechanics and Design—First Canadian Edition"



F. Michael Bartlett

(For bio see page 65)

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

T. Y. Lin Award

2001

Presented to ACI members Alaa E. Elwi and David Rogowsky at the 2001 Structures Congress and Exposition on May 22, 2001, in Washington, D. C., *"for the paper 'Test on Reinforced Partially Prestressed Concrete Tank Walls,'* Journal of Structural Engineering, *June 2000."*

2002

Presented to ACI members Maher K. Tadros, Zhongguo Ma, and Robert F. Mast at the 2002 Structures Congress and Exposition on April 5, 2002, in Denver, CO, *"for the paper 'Strength Design of Pretensioned Flexural Concrete Members at Prestress Transfer,'* PCI Journal, *January-February 2001."*

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 57 possible points. Those chapters receiving 37 or more points are deemed to have achieved a ranking of "excellent." Those receiving a minimum of 29 points up to a maximum of 36 points are accorded "outstanding" ratings.

For international chapters, there are a possible 52 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

To be announced at the Awards Program.

OUTSTANDING CHAPTERS

To be announced at the Awards Program.

HONORARY MEMBERSHIP — Vitelmo V. Bertero *(see page 5).*

HONORARY MEMBERSHIP — George C. Hoff *(see page 6).*

HONORARY MEMBERSHIP — George F. Leyh *(see page 7).*

HONORARY MEMBERSHIP — Bertold E. Weinberg *(see page 8).*

FELLOWS

Riyad S. Aboutaha is Associate Professor of Civil Engineering at Syracuse University, and the Director of the Syracuse University Structural Engineering Laboratory. He is Chairman of ACI Committee 335, Composite and Hybrid Structures; and a member of ACI Committees 369, Seismic Repair and Rehabilitation; 440, Fiber Reinforced Polymer Reinforcement; and the ACI Distance Learning Task Group.

Aboutaha has performed extensive research on seismic strengthening and retrofit of reinforced concrete columns, structural rehabilitation of prestressed concrete bridge girders using CFRP composites, and experimental investigation of large-scale structural systems.

He received his BE from Beirut Arab University, Lebanon, in 1981, and his MS and PhD from the University of Texas at Austin in 1990 and 1994, respectively.

Nick Paul Bada is a Proposal Manager, Business Development, Engineering & Construction Services, at Hydro One Network Services, Inc., Toronto, Ontario, Canada.

Bada is a member of ACI's Construction Liaison Committee (CLC) and Convention Committee, and he served as General Session Chair for the American Concrete Institute's Fall 2000 Convention in Toronto. He has volunteered his time to the local ACI Ontario Chapter for more than 20 years, and was the Chapter President in 1990. Bada is also a Fellow of the Canadian Society of Civil Engineers, and is a member of the Professional Engineers of Ontario and the Association of Professional Engineers, Geologists and Geophysicists of Alberta. He has 23 years of field construction management experience in civil, electrical, and mechanical projects throughout the province of Ontario. He has published five papers on the rehabilitation of concrete dams and underwater concrete restoration techniques. In 1999, he received a corporate innovation award while working with a team of in-house engineers for the invention of an ecologically engineered subterrain oil containment system.

He received his BSc, civil engineering in concrete technology, and his MS in engineering, construction management, from the University of Toronto in 1977 and 1995, respectively.

Award Recipient Biographies

F. Michael Bartlett is Associate Professor of Civil and Environmental Engineering at the University of Western Ontario in London, Ontario, Canada, where he has been a faculty member since 1995.

He is a member of ACI Committees 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete; 345, Concrete Bridge Construction, Maintenance, and Repair; 348, Structural Safety; and a founding member and Chairman of ACI Committee 342, Evaluation of Concrete Bridges and Bridge Elements. He is the first recipient of ACI's Walter P. Moore, Jr., Faculty Achievement Award (2002). Bartlett's research interests include structural reliability, code calibration, and the evaluation of existing structures, particularly bridges. He has applied his expertise in risk engineering to numerous projects including the Confederation Bridge. He is co-author of the textbook *Reinforced Concrete Design: Mechanics and Design – First Canadian Edition,* which has been widely adopted in Canada.

He received a BSc from Queen's University in 1979, an MASc from the University of Waterloo in 1982, and a PhD from the University of Alberta in 1994.

T. Michael Baseheart is Associate Professor of Civil Engineering and Associate Head of the Civil and Environmental Engineering Department at the University of Cincinnati, Cincinnati, OH, where he has been a faculty member for 32 years.

An ACI member, Baseheart is the Chairman of ACI's Educational Activities Committee (EAC) Distance Learning Task Group, and is a member of ACI Committees E 601, Seminar Oversight Committee; E 702, Designing Concrete Structures; E 801, Student Activities; and E 802, Teaching Methods and Educational Materials. He is a past member of EAC, and ACI Committee 531, Masonry Structures Research. While Chairman of ACI Committee E 801, he assisted in developing the Student Competition Program. His awards include the University of Cincinnati College of Engineering's Neil Wandmacher Excellence in Teaching Award in 1981 and 1996, and EAC's "Educational Committee Member of the Year" Award in 1994.

Baseheart received his BSCE from the University of Dayton in 1966, and his MS and PhD in structural engineering from the University of Cincinnati in 1969 and 1973, respectively.

Paul D. Carter is a Structural Rehabilitation Specialist for Earth Tech, Edmonton, Alberta, Canada, where he is responsible for technical support of structural rehabilitation work.

He is primarily a northern climate bridge durability expert, and has been involved in the condition survey testing of bridge decks since 1976. His 28 years of experience with structural concrete include field testing of bridge construction, maintenance, and repair materials, as well as bridge system

management. His additional research interests include patching materials and grouts, high-performance concrete, and steel fiber-reinforced shotcrete and overlays.

An Alberta ACI Chapter Officer, Carter is a member of ACI Committees 342, Evaluation of Concrete Bridges and Bridge Elements; 345, Concrete Bridge Construction, Maintenance, and Repair; 515, Protective Systems for Concrete; 546, Repair of Concrete; 548, Polymers in Concrete; and the Concrete Research Council (CRC). He is a past member of ACI Committees 201, Durability of Concrete, and 506, Shotcreting.

Carter received a degree in civil engineering from Arizona State University in 1972. He is a licensed professional engineer in four Canadian provinces, and in Montana and Colorado.

Jeffrey W. Coleman is a licensed Professional Engineer and Attorney at Law and Principal Partner at Coleman, Hull & van Vliet, PLLP, Minneapolis, MN.

An ACI member for over 20 years, he is a member of ACI Committee 301, Specifications for Concrete; the Construction Liaison Committee (CLC); and the TAC Specifications Committee. He has authored the "Concrete Legal Notes" section of *Concrete International* since 1986. In addition, he frequently lectures on topics involving construction law.

Coleman is a member of the Board of Directors of the Consulting Engineers Council of Minnesota, a past member of the University of Minnesota Concrete Conference Planning Committee, and a member of the Minnesota Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience and Interior Design. He serves as counsel to both the Minnesota Precast Association and the Minnesota Concrete Pipe Association. In 1993, he was awarded the Outstanding Young Alumni Award at Iowa State University.

Coleman received a BS in civil engineering and an MS in structural engineering from Iowa State University. He received his Juris Doctorate in 1984.

Ronald A. Cook is Professor of Civil Engineering at the University of Florida, where he has been involved in engineering education and research for the past 12 years.

An ACI member, he is Chairman of ACI Committee 355, Anchorage to Concrete; and a member of ACI Committees 318-B, Reinforcement and Development; and 349, Concrete Nuclear Structures. He is also a member of the ASCE 7 Task Committee on Wind Loads; ASTM Committee E06.13, Structural Performance of Connections in Building Construction; and the Fédération Internationale du Béton Task Group on Fastenings to Concrete and Masonry Structures. He has participated in the development of design standards for anchorage to concrete and has been involved in research,

particularly concerning adhesive and grouted anchors, for 15 years.

Cook received his BSCE and MS from the University of Tennessee, and his PhD from the University of Texas at Austin.

Daniel P. Dorfmueller is Manager of Technical Training at Baker University, of Baker Concrete Construction, Inc., Monroe, OH. He has held various positions with Baker, including marketing, human resources, and special projects.

An ACI member, Dorfmueller is Chairman of Committees C 640, Craftsman Certification; E 703, Concrete Construction Practices; and 303, Architectural Cast-in-Place Concrete. He is a member of Committees 360, Design of Slabs on Ground; 544, Fiber Reinforced Concrete; the Marketing Committee; and the Membership Committee.

Dorfmueller graduated from the University of Cincinnati in 1977 with a bachelor's degree in architecture.

Thomas J. Downs is President and CEO of BKBM, Inc., Minneapolis, MN, where he has worked since 1980.

A member of ACI, Downs is Chairman of Committees 117, Tolerances; and 362, Parking Structures. He is a past secretary of both, and has served on the Board of Directors for ACI's Minnesota Chapter.

Downs received his BS and MS in civil engineering from the University of Minnesota in 1975 and 1979, respectively.

Samuel A. Face, Jr., retired Chairman of the Face® Companies, Norfolk, VA, and the co-developer of some of the most important advances in concrete floor technology, died May 2, 2001. He is best known for his role in creating the Face Floor Profile Numbering System ("F-Numbers"), a worldwide standard for the specification, measurement, and control of the flatness and levelness of concrete.

Face studied at the Massachusetts Institute of Technology (MIT) and subsequently spent 4 years as a marine engineer and naval architect at the Newport News Shipbuilding and Dry Dock Co. In 1951, he joined the family of companies founded by his great-grandfather in 1867 and began his career in the construction industry. In the 1970s, while working with a concrete contractor on numerous projects in greater Toronto, Face developed the placement and finishing practices that resulted in what he called "superflat floors." To date, the consulting company he helped create has provided services on more than 6000 projects on five continents, and the term "superflat" is part of the industry lexicon. He designed a number of patented instruments — including the Dipstick® Profiler and Flatcon® Superflat Grinder — used in measuring and producing these floors. For several years, Face was the exclusive floor

slab consultant to the Kennedy Space Center for its satellite assembly facility. At the World of Concrete Exposition, he presented the Face® Companies' annual Golden Trowel awards to the concrete contractors who produced the flattest and most level floors.

Face was named Fellow of ACI in recognition of his contributions to the industry by a unanimous special vote of the selection committee. In addition to ACI, Face was also a member of the Norfolk Yacht & Country Club and the American Ceramic Society, and served as an instructor in the Coast Guard Auxiliary. An avid sailor, he spent the last 15 years of his life totally rebuilding his beloved ketch *Persistence* by hand.

Daniel W. Falconer is Managing Director of Engineering for the American Concrete Institute, Farmington Hills, MI, providing support for the Technical Activities Committee (TAC), the Standards Board, and ACI's periodicals: the *ACI Materials Journal*, the *ACI Structural Journal*, and *Concrete International*.

Before joining ACI in 1998, he held several engineering and marketing positions with VSL Corp. Prior to that, he was Project Engineer for Skidmore, Owings and Merrill in Washington, DC. An ACI member, he is Secretary for TAC and the Standards Board. Falconer is also a past member of ACI Committees 344, Circular Prestressed Concrete Structures; and 373, Circular Concrete Structures Prestressed with Circumferential Tendons. He is also a member of the American Society of Civil Engineers (ASCE).

Falconer received a BS in civil engineering from the University of Buffalo, Buffalo, NY, and an MS in civil and structural engineering from Lehigh University, Bethlehem, PA. He is a registered professional engineer in several states.

Hamid Farzam is Director of Business Development for Construction Technology Laboratories, Inc., Skokie, IL, where he is responsible for all aspects of marketing, business development, strategic planning, public relations, trade shows, advertising, and promotions. He has over 15 years' experience in concrete technology and chemical admixtures used in underground, mining, and civil construction.

Farzam is a member of ACI Committees 116, Terminology and Notation; 212, Chemical Admixtures; 222, Corrosion of Metals in Concrete; 229, Controlled Low-Strength Materials; 232, Fly Ash and Natural Pozzolans in Concrete; and 523, Cellular Concrete. He is also Chairman of ASTM Committees C09.23.3, Chemical Admixtures; and C09.91, Terminology, and a member of C09.23, Chemical Admixtures; C09.69, Miscellaneous Tests; and C09.95, Coordination. In 2000, he received ACI's Wason Medal for Most Meritorious Paper. He is the author or co-author of several papers, which have been published in *Concrete International*, the *ACI Materials*

Journal, the *ACI Structural Journal*, and various conference proceedings.

He received a BS and an MS in chemical engineering from the University of Oklahoma in 1983 and 1985, respectively.

Paul E. Gaudette is a Consultant at Wiss, Janney, Elstner Associates, Inc., Chicago, IL, where he has been involved in a variety of investigations and the design of repairs for modern and historic concrete structures since 1984. Notable projects he has worked on include the Baha'i House of Worship, Wilmette, IL; the Franklin Delano Roosevelt Memorial, Washington, DC; and the Centre Street Bridge, Calgary, Alberta, Canada.

An ACI member, he is a member of ACI Committees 364, Rehabilitation; 437, Strength Evaluation of Existing Concrete Structures; and E 601, Seminar Oversight Committee; and is Secretary of ACI Committee 546, Repair of Concrete. He is also a member of the Educational Activities Committee (EAC) and is Task Group Leader for the Repair Seminar Task Group. He formerly served on the Chapter Activities Committee (CAC). From 1992-1993, he served as President of the ACI Illinois Chapter, and also served as Convention Chairman for the 1999 ACI Spring Convention in Chicago, IL.

Gaudette is a speaker for the ACI seminar series,"Concrete Repair Basics," and the "ACI Two-Day Concrete Repair Workshop." He is also a member of the International Concrete Repair Institute (ICRI) and the Association for Preservation Technology International (APT). He has been lead instructor for several APT courses on the "Repair of Historic Concrete." He has also authored several papers on the repair of concrete and historic concrete that have appeared in the ICRI *Concrete Repair Bulletin*, *Concrete Construction*, the *APT Bulletin*, and the *Construction Specifier*.

Gaudette graduated from the Illinois Institute of Technology in 1982.

Walter H. Gerstle is a Professor of Civil Engineering at the University of New Mexico, where he conducts research on the analysis of concrete structures with emphasis on the fracture behavior of concrete. His innovative master's work on computational modeling of bond-slip as a fracture process has led the field and withstood the test of time. He is currently engaged in the development of a standard fracture toughness test for concrete.

A member of ACI, he is Chairman of Committee 446, Fracture Mechanics. He is also a member of Joint ACI-ASCE Committee 447, Finite Element Analysis of Reinforced Concrete Structures, and has co-edited two ACI Special Publications, as well as publishing several papers in the ACI Journals.

Gerstle received his BS from the University of Colorado in 1978, and his MS and PhD from Cornell University in 1982 and 1985, respectively.

Richard F. Heitzmann is Managing Director of Organizational Development for the Concrete Research and Education Foundation (ConREF) of the American Concrete Institute, Farmington Hills, MI. He also serves as Executive Director of the American Shotcrete Association through ACI's for-profit subsidiary, Creative Association Management (CAM). He currently serves as the staff liaison to ConREF and its Concrete Research and Scholarship Council.

Since joining the ACI staff in 1991, Heitzmann has held positions as Director of Certification, Director of Marketing, and Managing Director of Product and Business Development. In these capacities, he served as Secretary to several ACI Board committees, including the Certification Programs Committee, the Membership Committee, and the Marketing Committee. Currently, he is coordinating activities relating to the new ACI Student Fellowship Program and the Cornerstone for Leadership Campaign that is dedicated to raising an endowment of $5 million to permanently fund this program.

A degreed chemist, Heitzmann worked in the cement industry for 17 years prior to joining ACI. He spent seven of those years in R&D. He is named as inventor in several U.S. and international patents for high-performance cementitious binders.

Claude E. Jaycox is President of Municipal Testing Laboratory, Inc., Hicksville, NY, where he has been a staff member since 1961. His professional career has focused on the inspection and testing of construction materials and related quality assurance activities.

An ACI member since 1972, Jaycox served as Secretary of ACI Committee 311, Inspection of Concrete, from 1972-1994, and as Chairman from 1994-2000. He currently serves on TAC and Committee C 620, Laboratory Technician Certification. He is a past member of Committees C 630, Construction Inspector Certification; 348, Structural Safety; and Joint ACI-ASME Committee 359, Concrete Components for Nuclear Reactors.

Jaycox was elected Fellow of ASTM in 1998, and continues to be active on several committees. He also received their Award of Merit. He is also a member of numerous other professional organizations, including the Precast/Prestressed Concrete Institute (PCI), the National Society of Professional Engineers, the Concrete Reinforcing Steel Institute (CRSI), a life member of the American Welding Society, the American Society for Quality, and the International Council of Building Officials. A professional engineer since 1977, Jaycox was one of the first examiners and trainers for ACI certification programs, and is a strong proponent of training, qualifications, and certification for concrete professionals.

Award Recipient Biographies

David A. Lange is Associate Professor of Civil Engineering and Narbey Khachaturian Faculty Scholar at the University of Illinois at Urbana-Champaign, where he has been a faculty member for 10 years. His research focuses on shrinkage and creep at early ages, bond of repair and masonry materials, characterization of porosity, and fiber reinforced concrete.

He is a member of ACI Committees E 802, Teaching Methods and Educational Materials; E 803, Faculty Network Coordinating Committee; 236, Material Science of Concrete, of which he was the founding Chairman in 1997; 365, Service Life Prediction; 544, Fiber Reinforced Concrete; and 549, T hin Reinforced Cementitious Products and Ferrocement.

Lange received his BS in civil engineering from Valparaiso University, Valparaiso, IN, his MBA from Wichita State University, Wichita, KS, and his PhD in civil engineering from Northwestern University, Evanston, IL.

Li-Hyung Lee is a Professor in the Department of Architectural Engineering at Hanyang University, Seoul, Korea, where he served as Vice President from 1994 to 1999.

Since 1994, he has been the Director of the Advanced Structural Research Station, which is an engineering research center of the Korean Science and Engineering Foundation (KOSEF). His research interests include the behavior of reinforced concrete and prestressed concrete members, the development of structural systems, and hybrid structure. He has published many books related to reinforced concrete and structural design in Korea and has had numerous papers published in national and international technical journals. Lee served as President of ACI's Korea Chapter from 1993 to 1994, as well as President of the Korean Concrete Institute (KCI). He is currently involved in many technical committees and engineering societies and is a member of the National Academy of Engineering of Korea. He also served as President of the Computational Structural Engineering Institute of Korea from 1996-1998. In 1995, he received the "Distinguished Research Paper of the Korean Concrete Institute" award for his contribution in the areas of concrete structure and structural engineering, and in 1997, he was awarded "Honorable Professor" of Hanyang University.

Lee received his bachelor's degree from Hanyang University, Seoul, Korea in 1964, and his master's and PhD in engineering in 1970 and 1974, respectively, from Tokyo University, Japan.

Donald G. McMican is President of DGM Consultants, P.A., Overland Park, KS, a firm specializing in structural engineering and masonry consulting. He has 26 years of experience in the design of new buildings, analysis, renovation, and field observation, and has worked in many areas of the public and private sector. His other areas of expertise include historic preservation and masonry design and

construction. In 1999, he was honored by the Kansas Preservation Alliance for his work on the Ludington-Thatcher House in Lawrence, KS.

An ACI member for over 20 years, McMican is Vice Chairman of Joint ACI-ASCE-TMS Committee 530, Masonry Standards Joint Committee. He also served as President and as a Board Member of ACI's Missouri Chapter in 1993. He is also a member of the ACI Kansas Chapter.

McMican received his BS in civil and structural engineering from the University of Maryland, College Park, MD, in 1976.

Jan Olek is Associate Professor in the School of Civil Engineering at Purdue University, West Lafayette, IN, where he has been a faculty member for the past 7 years. Previously, he served on the faculty of the Colorado School of Mines and Penn State University.

An ACI member, he is Chairman and a past secretary of Committee 123, Research and Current Developments; and a member of Committees 211, Proportioning Concrete Mixtures; 231, Properties of Concrete at Early Ages; 234, Silica Fume in Concrete; and 236, Material Science of Concrete. He also serves as Chairman of the Transportation Research Board (TRB) Committee A2E01, Durability of Concrete, and is an Ex-Officio member of ACI's Concrete Research Council (CRC).

Olek received an MSCE in pavements from Cracow University of Technology, Cracow, Poland; an MSCE in materials/structures from the University of Texas at Austin; and a PhD in materials from Purdue University.

Robert C. O'Neill is President and Senior Petrographer at Micro-Chem Laboratories, Murphys, CA, a firm specializing in petrographic and chemical analysis of construction materials. He has over 25 years of experience as a concrete petrographer.

A past president of ACI's Northern California/Western Nevada Chapter, O'Neill is serving as Chairman of the chapter's Technical Committee and the 2004 ACI Convention Committee. He is also Chairman of ACI Committee 201, Durability of Concrete; a member of ACI Committee 524, Plastering; and a corresponding member of the FHWA-ACI sponsored workshop, "Concrete Durability: ASR and Other Deterioration Mechanisms."

O'Neill received his BS from the University of Wisconsin in 1971.

Debrethann R. Cagley Orsak is Principal and Vice President of Cagley & Associates, Inc., Rockville, MD, where she is responsible for business development for the firm. Previously, she worked as a Field Engineer for Miller & Long Co., a major concrete contractor in the Washington, DC, area.

Orsak has experience in all phases of structural engineering, including structural systems study, design, structure investigation, and construction

observation. This includes new construction, as well as renovation of existing structures. Some notable projects include the IRS Headquarters Complex in New Carrollton, MD; the new Clinical Research Center at NIH in Bethesda, MD; and the restoration of the Statue of Freedom atop the U.S. Capitol Dome in Washington, DC.

An ACI member, she currently serves as Secretary of ACI Committee 435, Deflection of Concrete Building Structures; and as a member of E 702, Designing Concrete Structures; E 801, Student Activities; the Convention Committee; the Educational Activities Committee (EAC); the Financial Advisory Committee (FAC), the Scholarship Council, Chairman of the Task Group for Centennial Activities, and the local Convention Committee for ACI's Centennial Convention in Spring 2004 (Co-Chairman). She is a past president of ACI's National Capital Chapter, and a past member of ACI's Board of Direction, the Membership Committee, and the Committee on Awards for Papers Subcommittee III—ACI Structural Research Award. In addition, she served as Student Activities Chairman for the Spring 1992 ACI Convention in Washington, DC, which hosted the first Student Day Program. She is also a member of the American Society of Civil Engineers (ASCE), the Concrete Reinforcing Steel Institute (CRSI), the American Council of Engineering Companies of Metropolitan Washington (ACEC/MW), the National Council of Structural Engineers Association, the Washington Building Congress (WBC), and the Society for Marketing Professional Services (SMPS).

Orsak received a BS in civil engineering from West Virginia University in 1986 and a Master of Engineering in structural engineering from Cornell University, Ithaca, NY, in 1990. She is a registered engineer in the State of Maryland.

Kelly M. Page, Executive/Technical Director of the International Concrete Repair Institute (ICRI), Chicago, IL, has an extensive background in concrete materials. She has worked as an independent sales representative for several repair material companies.

She previously served as Secretary and as a member of the Board of Directors of ICRI and as Chairman of the Meetings and Conventions Committee. In 2000, she was named a Fellow of ICRI. She is also a member of Chi Epsilon, the Civil Engineering Honor Society. Her association experience includes serving as the engineering editor for *Concrete International,* and as the contract training coordinator for the Portland Cement Association (PCA). An ACI member, she was awarded ACI's Young Member Award for Professional Achievement in 1999. She is a member of ACI Committees 503, Adhesives for Concrete; E 601, Seminar Oversight Committee; E 801, Student Activities; and E 903, Convention Training. She is also a former member of ACI's Board of Direction, the Educational Activities Committee (EAC), and the Honors and

Awards Committee, and is a past president of the ACI-Illinois Chapter.

Page holds a BS degree in civil engineering with a minor in English from Marquette University.

José A. Pincheira is Associate Professor in the Department of Civil and Environmental Engineering at the University of Wisconsin, Madison, WI, where he has been a faculty member since 1992.

An ACI member, Pincheira is Chairman of ACI Committee 369, Seismic Repair and Rehabilitation; and a member of the Membership Committee; Committees 374, Performance-Based Seismic Design of Concrete Buildings; 440, Fiber Reinforced Polymer Reinforcement; and Joint ACI-ASCE Committee 445, Shear and Torsion. He is a past secretary of Joint ACI-ASCE Committee 442, Response of Concrete Buildings to Lateral Forces, and a former member of ACI Committee 368, Earthquake Resisting Concrete Structural Elements and Systems. He is also a member of the American Society of Civil Engineers (ASCE) and the Earthquake Engineering Research Institute (EERI). Pincheira was the recipient of the National Science Foundation's Faculty Early CAREER Award in 1996, and the North Central District winner of the James M. Robbins Excellence in Teaching Award from Chi Epsilon for 2000-2001.

He received his BSCE and Ingeniero Civil degrees from the University of Chile; his MSc from the University of Manitoba, Manitoba, Canada; and his PhD from the University of Texas at Austin.

Michael F. Pistilli is Technical Director at Prairie Group, Bridgeview, IL. He has been working for 36 years as a chemist petrographer, specializing in evaluations of cements, aggregates, mineral and chemical admixtures, concrete, masonry and other mortars, stucco, grout, brick, block, tile, terra cotta, building stone, glass, and asbestos-containing materials.

An ACI member, Pistilli is currently a member of ACI Committees 125, Concrete Technology in Space Applications; 211, Proportioning Concrete Mixtures; 212, Chemical Admixtures; 234, Silica Fume in Concrete; and 363, High-Strength Concrete. He is also a member of ASTM and the American Chemical Society.

Pistilli holds a BA degree in chemistry from Lewis University (1966) and has advanced studies in mineralogy, petrology, geology, and material science from the Mineralogy University of Illinois (1975).

Thomas C. Schaeffer is Structural Engineer and Principal at Structural Design Group, Nashville, TN, a consulting firm that specializes in building design. He has over 20 years of experience in the design of reinforced and prestressed concrete structures.

An ACI member for over 17 years, Schaeffer is Chairman of Joint ACI-ASCE Committees 421, Design of Reinforced Concrete Slabs, and 423, Prestressed Concrete, and a member of ACI Committee 318, Structural Concrete Building Code. He is a past member of ACI Committee 318-F, Two-Way Slabs.

Schaeffer earned his BE in civil engineering from Vanderbilt University, Nashville, TN, and his MS in structural engineering from the University of Texas at Austin.

Kwok-Nam Shiu is Senior Project Manager at Walker Parking Consultants, Elgin, IL, where he directs and develops restoration of parking structures, buildings, and other structures. He has been involved in concrete research, forensic engineering, and restoration work for over 25 years, and has directed the field instrumentation and monitoring of seven long-span segmental concrete bridges in North America.

An ACI member, Shiu is Chairman of ACI Committee 444, Experimental Analysis for Concrete Structures; a member of Committees 209, Creep and Shrinkage in Concrete; and 364, Rehabilitation; and 365, Service Life Prediction. He is actively involved in ACI's Strategic Development Council (SDC), and serves on the Precast/Prestressed Concrete Institute's (PCI) Committee on Prestressing Tendons. In addition, he is a past member of Transportation Research Board (TRB) Technical Committee A2C05, Dynamics and Field Testing of Bridges.

In 1975, Shiu received an undergraduate research grant from the National Science Foundation for his work on energy costs of concrete structures. In 1984, he received ACI's Raymond C. Reese Award for coauthorship of a paper titled, "Web Crushing of Reinforced Concrete Structural Walls," and he has published over 30 technical papers on concrete structures. In 1999, he became a Fellow of ASCE.

Shiu received a BS and an MS in civil engineering from the University of Illinois at Urbana-Champaign in 1975 and 1976, respectively.

Joseph R. Solomon is President and Founder of Specialty Construction Products, Ltd., Manitoba, Canada, and Concrete Restoration Services, Ltd., in Manitoba, British Columbia, and Alberta, Canada. He has over 39 years of experience in concrete technology, including quality control, inspection, testing, structural rehabilitation, epoxy injection, shotcrete, waterproofing, polymer concrete, cement grouting, microfine grouting, FRP strengthening, soil stabilization, and chemical grouting.

An ACI member since 1969, Solomon currently serves on ACI Committees 503, Adhesives for Concrete; 546, Repair of Concrete; 548, Polymers in Concrete; and 552, Geotechnical Cement Grouting. He is also a member, as well as founding director and a past president, of ACI's Manitoba Chapter.

He is also a member of the Manitoba Association of Certified Engineering Technicians & Technologists and the International Association of Corrosion Engineers. He is also a member, as well as Past President and Director, of the International Concrete Repair Institute (ICRI), of which he is also a Fellow, and Task Group Chairman of the Water Leakage Committee—Polyurethane Resins. He has authored three papers on the subject of injection of polyurethane resins for leak repairs.

Solomon received a degree in civil engineering technology from MIT, Cambridge, MA, in 1963. He is also a Certified Level II Diver.

Peter J. Steiner is Managing Director, Education, American Concrete Institute, Farmington Hills, MI.

He is currently Secretary of ACI's Educational Activities Committee (EAC), and is a former member of the ACI Publications Committee. He is a member of the Board of Directors of ACI's for-profit subsidiary, Creative Association Management (CAM). Steiner also served on the ACI Illinois Chapter Convention Committee as the Promotion Chair for the Fall 1985 ACI convention in Chicago. He was Chairman of the 1987 and 1990 National Concrete and Masonry Engineering Conferences, and a member of the Steering Committee of the Forming Economical Concrete Building Conferences, 1982-1990. He served as Secretary to the Concrete and Masonry Related Associations (CAMRA) in 1999-2001.

His experience prior to ACI includes Executive Vice President of the American Society for Concrete Contractors (ASCC), Director of Marketing for the Concrete Reinforcing Steel Institute (CRSI), National Accounts Executive with the Portland Cement Association (PCA), and 10 years of experience in concrete construction and design.

He received his BS in mathematics and his MS in civil engineering from the University of California-Davis. He is a registered professional engineer in the State of California and a Certified Association Executive.

Maher K. Tadros, Cheryl W. Prewett Diamond Jubilee Professorship, University of Nebraska-Lincoln, Omaha, NE, is a Founding Partner and Structural Engineer, Tadros Associates LLC, Omaha, NE.

An ACI member, he is a member of ACI Committees 318-G, Precast and Prestressed Concrete; 546, Repair of Concrete; and Joint ACI-ASCE Committees 343, Concrete Bridge Design; and 423, Prestressed Concrete. He is a founding member of ACI's Nebraska Chapter, where he served as Director from 1988-1989, Vice President from 1989-1990, and President from 1990-1991. In 2001, he received the ACI Structural Engineering Award, and in 1998, he received the ACI Nebraska Chapter Tom Reading Achievement Award. Other awards include ASCE's T.Y. Lin Award for most meritorious

article (1976, 1990, and 1997); the NSPE Award from the Nebraska Society of Professional Engineers-Eastern Chapter (1998); the ACEC Grand Award for the Sarpy County Bridge (1997); PCI's Most Meritorious Committee Report Award (1988 and 1995); the Martin P. Korn Award (1989 and 1996), the Distinguished Educator Award (1995); and the Award for Distinguished Teaching, University of Nebraska (1982). Tadros has published approximately 200 refereed papers and given about 250 national and international presentations. He has reviewed numerous technical papers, research proposals and books, has given workshops on bridge design, and has coordinated the Annual Structural Conference since 1981.

Tadros received a BSCE and an MSCE from Assiyut University, Egypt, in 1967 and 1971, respectively, and a PhD from the University of Calgary in 1975.

Niels Thaulow is the Technical Director of Construction Materials at R.J. Lee Group, Inc., Monroeville, PA. Prior to that, he was Principal and Vice President of G.M. Idorn Consult, RAMBOLL, a Danish-based consulting company.

Thaulow is a member of ACI Committee 201, Durability of Concrete, as well as a member of ASTM C-1 and C-9, and RILEM TC ARP, Chemical Reactions in Concrete, Assessment, Specification, and Diagnosis of Alkali-Reactivity. He is a cofounder of the Copenhagen ACI Chapter, and is a past president (1996-1998). He has authored or coauthored more than 120 scientific and technical papers, and has gained international recognition as an expert in the durability of concrete. Notably, he pioneered the use of fluorescence microscopy for determining the water-cement ratio of hardened concrete, which was adopted as a NORDTEST Standard more than 10 years ago. Thaulow received his degree in chemical engineering from the Danish Engineering Academy in 1967.

Thomas G. Weil is Manager of Technical Services for Concrete Products, Grace Specialty Chemicals, Cambridge, MA. He is responsible for the management of customer technical support for concrete chemical admixtures and concrete technology in North America. Prior to working for W.R. Grace, he worked as a structural and construction engineer for Badger Engineers, Flour Ocean Services, and Bechtel.

An ACI member for 13 years, he is Secretary of ACI Committee 357, Offshore and Marine Concrete Structures; and a member of 222, Corrosion of Metals in Concrete; 234, Silica Fume in Concrete; and 362, Parking Structures. He is a past member of the Board of Directors for the Precast/ Prestressed Concrete Institute (PCI).

Weil received a BS in civil engineering from Worcester Polytechnic Institute, Worcester, MA, an MS in ocean engineering from the University of Massachusetts, and an MBA from the University of Houston. He is a registered professional structural engineer.

ARTHUR R. ANDERSON AWARD

Per Fidjestøl is Senior Specialist with Elkem ASA Materials. He has worked in concrete technology for 25 years, mainly with high-performance concrete and silica fume.

A Fellow of ACI, Fidjestøl is a member of ACI Committees 201, Durability of Concrete; 213, Lightweight Aggregate and Concrete; 222, Corrosion of Metals in Concrete; 232, Fly Ash and Natural Pozzolans in Concrete; 357, Offshore and Marine Concrete Structures; 363, High-Strength Concrete; 365, Service Life Prediction; 506, Shotcreting; and serves as Chairman of ACI Committee 234, Silica Fume in Concrete. He is a member of the ACI Board of Direction, the Fellows Nomination Committee, the Internet Advisory Committee, TAC THPC, and the International Committee. Other memberships include ASTM Committee C09, Concrete and Concrete Aggregates; RILEM; and the Norwegian Concrete Association, where he serves as a Board Member and Vice President. In 1996, he received the Norwegian Concrete Association's Award of Merit.

Fidjestøl is a graduate of the Norwegian Technical University, Trondheim, Norway, 1973.

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

Myles A. "Tony" Murray oversees Restruction Corporation's structural repairs of parking structures, buildings, bridges, dams, airport and highway pavement, and historic buildings throughout the western United States, where he has worked for the past 26 years. He also provides consulting services on concrete repair solutions to engineers, architects, and owners worldwide.

An ACI Fellow, Murray is a member of the Concrete Research Council (CRC), the Construction Liaison Committee (CLC), and the TAC Specification Committee; Secretary of Committee 503, Adhesives for Concrete; and member and former Chairman of Committee 546, Repair of Concrete. He is a former Co-Chairman of the Awards Program for the ACI Rocky Mountain Chapter, and will join ACI Committee 318, Structural Concrete Building Code, in Spring 2002. Murray is also a member of ASTM and ASTM Committee E06.24, ASCE, the Structural Engineer's Institute, the International Congress on Polymers in Concrete, and the Colorado Contractor's Association. He has been a speaker for the Concrete Repair Basics seminars since 1982.

Murray received his degree in architectural engineering from the University of Colorado at Boulder, and is a registered professional engineer in the State of Colorado.

JOE W. KELLY AWARD

Sharon L. Wood is a Professor in the Department of Civil Engineering at the University of Texas at Austin. Wood joined the faculty at the University of Texas in January 1996 after teaching for 10 years at the University of Illinois.

A Fellow of ACI, she is a member of the Technical Activities Committee (TAC), and served on the Board of Direction from 1997-2000. She is the current Chair of the Publications Committee, and a member of Committee 318, Structural Concrete Building Code. She is also the former Chair of Joint ACI-ASCE Committee 442, Response of Concrete Buildings to Lateral Forces.

Wood's research and teaching interests are related to studying the behavior of reinforced concrete structures. She has studied the seismic response of buildings in Viña del Mar following the 1985 Chile earthquake, evaluated the performance of precast parking garages during the 1994 Northridge, CA, earthquake, and the performance of precast warehouses in Turkey during the 1999 earthquakes. She has conducted static and dynamic tests of reinforced concrete frame and wall structural systems in the laboratory, and developed nonlinear analytical models to interpret the response.

In 1998, she received the Arthur J. Boase Award from the Reinforced Concrete Research Council (RCRC) in recognition of her research, teaching, and publication in the field of structural concrete.

Wood received a BS in civil engineering from the University of Virginia and graduate degrees in civil engineering from the University of Illinois.

HENRY L. KENNEDY AWARD

Anthony E. Fiorato is President and CEO of Construction Technology Laboratories, Inc.. Skokie, IL, where he is responsible for the overall management and direction of consulting, testing, and research services.

An ACI Fellow, Fiorato is a former member of ACI's Board of Direction, and is also a former Chairman and current member of the Financial Advisory Committee (FAC). He is Chairman of the ACI Board Task Group on Committee Structure and Committee 318-A, General, Concrete, and Construction. He has previously served on the Board of Trustees for the Concrete Research and Education Foundation (ConREF), the Educational Activities Committee (EAC), the Publications Committee, the Convention Committee, the Concrete Materials Research Council, the Reinforced Concrete Research Council (RCRC), Joint ACI-ASCE Committee 445, Shear and Torsion; ACI Committees 122, Energy Conservation; 357, Offshore and Marine Concrete Structures; 532, Concrete Masonry; and 546, Repair of Concrete.

Also an active member of ASTM, Fiorato currently serves on the Board of Directors. He is Chairman of ASTM Task Group C01.10.03, Task Group on Portland Cement; Subcommittee C09.61, Testing Hardened Concrete; and

the Executive Committee of the Cement and Concrete Reference Laboratory; and a member of ASTM Committees C01, Cement; and C09, Concrete and Concrete Aggregates. Fiorato's other memberships include the American Society of Civil Engineers (ASCE), the Post-Tensioning Institute, the Precast/Prestressed Concrete Institute (PCI), and RILEM.

In 1997, Fiorato received ACI's Henry C. Turner medal, and he received the Reinforced Concrete Research Council's Arthur J. Boase Award in 1999.

He earned his BS in civil engineering at Drexel University, Philadelphia, PA, and his MS and PhD in civil engineering from the University of Illinois. He is a licensed structural engineer in the State of Illinois.

ALFRED E. LINDAU AWARD

James R. Cagley is President of Cagley & Associates, Inc., Consulting Structural Engineers, Rockville, MD. He is also President of The Cagley Group, with affiliated offices in Philadelphia and Clarks Summit, PA, and Princeton, NJ.

Previously, Cagley was Vice President and Manager of the Engineering Division of Caudill Rowlett Scott, Houston, TX, where he also served as Manager of Structural Engineering, and was involved with the design of many large educational and health facilities. Prior to that, he was Chief Structural Engineer, John J. Flad & Associates, Madison, WI.

An ACI Fellow, he is past Chairman of ACI Committee 318, Structural Concrete Building Code, and is a past member of the ACI Board of Direction. He is also a Board Member of the Applied Technology Council, which develops national earthquake-resistant design criteria, and is Vice Chairman and a member of the Executive Committee of the American Council of Engineering Companies (ACEC). He is one of the founders, and the first President, of the National Council of Structural Engineers Associations (NCSEA), a member of ASCE Committee 7, Minimum Design Loads for Buildings and Other Structures, and a past chairman of the Task Committee on Live Loads. He has presented numerous papers dealing with systems construction, cast-in-place and post-tensioned concrete, and earthquake-resistant design.

Cagley received a BS in architectural engineering from Iowa State University in 1958. He is a registered engineer in Maryland and 32 other jurisdictions, including California, where he is a registered structural engineer.

HENRY C. TURNER MEDAL

Thomas B. Battles is President and CEO of the Precast/Prestressed Concrete Institute (PCI), Chicago, IL. He is a former member of ACI's Board of Direction,

and served as Chairman of the Task Group for the ACI 100th Anniversary Convention. He is also a former member of the International Activities Committee and the Convention Committee.

Battles practiced architecture in the Chicago area for several years before joining PCI in 1971 as the first director of the Architectural Precast Concrete Division. He later joined Martin Concrete Engineering Co. as Vice President of Marketing, and subsequently founded his own precast concrete manufacturing firm, AMBETON Corp., in the Dallas/Fort Worth area.

Under his leadership over the last 14 years, PCI has expanded considerably and has implemented a mandatory Plant Certification Program, a new Strategic Plan, an expanded Marketing Plan, a restructuring of headquarters operations, and a broad range of technical and research programs, such as the Precast Seismic Structural Systems (PRESSS) Program.

Battles is also a member of the American Institute of Architects, the Construction Specifications Institute, and the American Society of Association Executives.

He graduated from the University of Illinois, Urbana-Champaign, with a bachelor's degree in architectural engineering, and was the recipient of the Martin Roche Traveling Fellowship in Architecture in 1959.

CHARLES S. WHITNEY AWARD

The Thornton-Tomasetti Group, Inc., is a 500-person, international engineering and design firm that provides a wide array of services to building industry clients through its three divisions: Thornton-Tomasetti Engineers offers structural engineering design expertise; LZA Technology specializes in multidisciplinary building investigations and restoration design; and LZA Associates provides complete building design services for specialized facilities with complex systems. The firm has affiliate offices in London and Hong Kong.

In recent years, Thornton-Tomasetti has provided structural engineering services for many types of concrete buildings, including commercial, residential, retail, cultural, sports, parking and entertainment facilities. As the structural engineers for the Petronas Twin Towers in Kuala Lumpur–the tallest buildings in the world, Thornton-Tomasetti introduced high-strength concrete to Malaysia. In addition, the firm is the structural engineer for the adaptive reuse and renovation of a number of concrete buildings, as well as the hardening of several high-rise buildings in cities across the country. Recently, Thornton-Tomasetti maximized the advantages of combining concrete and steel for Random House, a mixed-use office and residential high-rise building in New York City.

Many of the firm's engineers have been actively involved nationally with the American Concrete Institute and with the Concrete Industry Board in New

York City and Chicago. Key staff have participated in various ACI committees, including Committee 318, Structural Concrete Building Code; 358, Concrete Guideways; and 546, Repair of Concrete. Both Charles Thornton and Richard Tomasetti have been recipients of the New York City Concrete Industry Board's Leader of Industry Award.

CEDRIC WILLSON AWARD

David A. Crocker is General Manager of Technical Support for Texas Industries, Inc., Dallas, TX, where he has been for nearly 30 years, and an adjunct faculty member of the University of Texas at Arlington.

An ACI Fellow, Crocker has served as President and Director of the Northeast Texas Chapter and received the chapter's Sophus Thompson Award for Outstanding Service in 1983. He is a member of ACI Committees 211, Proportioning Concrete Mixtures; 213, Lightweight Aggregate and Concrete; 223, Shrinkage-Compensating Concrete; 230, Soil Cement; 350, Environmental Engineering Concrete Structures; 524, Plastering; and is a former Chairman of Subcommittee 211B. He is also a member of ESCSI, where he serves as Chairman of the Special Uses Committee.

Crocker is a graduate of Colorado State University and holds two patents involving cementitious materials.

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

Robert J. Frosch is Assistant Professor of Civil Engineering at Purdue University, West Lafayette, IN, where he is active in both research and teaching, specializing in structural engineering.

An ACI member, he serves as Secretary of Committee 224, Cracking. He is also a member of Committees 318-C, Safety, Serviceability, and Analysis; 408, Bond and Development of Reinforcement; and 440, Fiber Reinforced Polymer Reinforcement. He has been recognized by his students and colleagues through receipt of the Harold Munson Teaching Award and the Roy E. and Myrna Wansik Civil Engineering Research Award.

Frosch received his BSE from Tulane University in 1991, and his MSE and PhD from the University of Texas at Austin in 1992 and 1996, respectively. He is a registered professional engineer in the State of Louisiana.

Kevin J. Folliard is Assistant Professor in the Department of Civil Engineering at the University of Texas at Austin. Prior to joining the faculty at the University of Texas at Austin in September 1999, he was an assistant professor

at the University of Delaware, and prior to that, he was a Senior Research Engineer with W. R. Grace.

An ACI member, Folliard serves as Chairman of the Committee on Awards for Papers, Subcommittee II (Wason Medal for Materials Research). He is also a member of ACI Committees 201, Durability of Concrete; 229, Controlled Low-Strength Materials; 236, Material Science of Concrete; and 544, Fiber Reinforced Concrete.

While pursuing his PhD, Folliard co-founded the ACI Student Chapter at Berkeley. In 2001, he founded the ACI Student Chapter at the University of Texas at Austin, and currently serves as the Faculty Advisor for the chapter. He is also a Board Member and Co-Chairman of Programs for the ACI Central Texas Chapter.

Folliard's awards include the Vision Award and Research Recognition Award from W.R. Grace in 1996, Outstanding Faculty Member by the ASCE Student Chapter at the University of Delaware in 1999, and the Ervin S. Perry Student Appreciation Award from the University of Texas at Austin in 2001.

Folliard received his PhD in civil engineering in 1995 from the University of California at Berkeley.

WASON MEDAL FOR MOST MERITORIOUS PAPER

Frédéric Légeron is Senior Bridge Designer, Earth Tech, New York, NY. Previously, he worked as a Bridge Engineer for SETRA/French Department of Transportation, in Paris, France. He is a former treasurer of the ACI Paris Chapter.

Légeron received his diploma in engineering from the Ecole Nationale des Travaux Publiques de L'Etat, France; his MScA from the University of Sherbrooke, Quebec, Canada; and his PhD from the University of Sherbrooke and the Ecole Nationale des Ponts et Chausées, France.

Patrick Paultre is Professor of Civil Engineering at the University of Sherbrooke, Quebec, Canada, where he has been a faculty member since 1987. Prior to his position at the University of Sherbrooke, he was a stress analyst in the aerospace and nuclear division of DSMA in Toronto; a structural engineer at United Engineers and Contractors in Philadelphia; and a bridge engineer at Dessau, Inc., in Montreal, Canada.

Paultre is a member of Joint ACI-ASCE Committees 352, Joints and Connections in Monolithic Concrete Structures, and 441, Reinforced Concrete Columns. He is a former member of ACI Committee 368, Earthquake Resisting Concrete Structural Members and Systems. He also serves

as Technical Secretary of Canadian Standards Association Committee A23.3, Concrete Structures.

A Fellow of the Canadian Society of Civil Engineering since 1997, Paultre was co-recipient of the Society's Gzowski Medal in 1991 for the paper, "Assessment of Some Canadian Seismic Code Requirements for Concrete Frame Structures," published in the *Canadian Journal of Civil Engineering*. In 1996, he received ASCE's Moisseiff Award for his paper, "Role of Spandrel Beams in Slab-Beam-Column Connections Subjected to Seismic Loading," published in the *Journal of Structural Engineering*.

Paultre received his BS in civil engineering and his MScA in structural engineering from Ecole Polytechnique, Montreal, Canada, and his PhD in civil engineering from McGill University, Montreal, Canada.

ACI CONSTRUCTION PRACTICE AWARD

G. R. "Ray" Shashaani is Senior Manager for the Advance Manufacturing Engineering Facilities and Construction Group of the DaimlerChrysler Corp., Auburn Hills, MI.

He is responsible for the design and construction of the Chrysler Group manufacturing facilities in the U.S. and Canada. Some of the notable projects he has been involved with include Bramalea Assembly, Jefferson North Assembly, two Mack Avenue Engine Plants, and the Paint & Body Shop and Satellite Stamping additions at multiple locations. He has led the effort by DaimlerChrysler to improve and integrate cost-effective facilities with manufacturing processes.

Shashaani is a graduate of Purdue University, West Lafayette, IN, with bachelor's and master's degrees in civil engineering, and a PhD in mechanical engineering.

Jim Vahman is a Construction Management Consultant in Oakville, Ontario, Canada, presently working with DaimlerChrysler Corp. as an on-site project manager responsible for the coordination and administration of construction contracts.

Vahman has more than 10 years of experience in the promotion and design of silica fume reinforced concrete floor slabs. He specializes in the construction of floor slabs on grade, pavements, and other hyperstatic structures using steel fiber as the primary or secondary reinforcement.

Vahman received his degree in civil engineering from McMaster University, Hamilton, Ontario, Canada, in 1982. He is a licensed professional engineer in Ontario.

Ed D. Valdez is Senior Associate and Senior Structural Engineer at BEI Associates, Inc., Architect and Engineers, Detroit, MI. He has more than 20 years' experience in project management and engineering and architectural design projects.

Valdez has been involved in the design and management of major automobile programs at the DaimlerChrysler Windsor Assembly Plant in Windsor, Ontario, Canada, for the past 5 years. The scope of his work includes the 2001 "RS" minivan program (the subject of the award-winning paper) and the current 2003 "CS" program.

He received his degree in civil engineering from the University of Texas at Austin in 1980, and is a licensed professional engineer in the State of Michigan and Ontario, Canada.

WASON MEDAL FOR MATERIALS RESEARCH

Ulla Hjorth Jakobsen is Co-Founder and Technical Director of Concrete Experts International ApS (CXI), a Danish-based concrete consulting company.

She began her professional career in 1991 as a petrographer for G.M. Idorn Consult, and she continues to be involved in structural analysis and materials characterization. Her expertise lies in fluorescence microscopy and SEM-EDX analysis of concrete. She has worked with various concrete deterioration mechanisms, including alkali silica reaction, delayed ettringite formation, external and internal sulfate attack, acid attack, freezing and thawing, carbonation, and leaching.

Jakobsen received a PhD in geology from the University of Copenhagen, Denmark, and Pennsylvania State University, University Park, PA.

Peter Laugesen is Senior Geologist at Dansk Beton Teknik A/S, a private consulting, testing, and research company.

An expert in concrete microstructure, he has 15 years of experience in concrete technology and petrography. His work involves damage analysis of older structures, materials research, and quality control. Laugesen is also involved in the development of test methods and laboratory equipment. Some notable projects he has worked on include the Great Belt Bridge, the Øresund Tunnel, and the New Athens International Airport, Greece.

His petrographic practice, comprising some 15,000 thin sections, combined with his experience in concrete technology, have formed the basis for a series of presentations, papers, textbooks, courses, and test methods, which includes a contribution to the recently issued "Danish Standard Test Method for Petrographic Analysis of Concrete."

Laugesen received an MSc from the University of Copenhagen, Denmark.

Niels Thaulow is the Technical Director of Construction Materials at R.J. Lee Group, Inc., Monroeville, PA. Prior to that, he was Principal and Vice President of G.M. Idorn Consult, RAMBOLL, a Danish-based consulting company.

Thaulow is a member of ACI Committee 201, Durability of Concrete, as well as a member of ASTM C-1 and C-9, and RILEM TC ARP, Chemical Reactions in Concrete, Assessment, Specification, and Diagnosis of Alkali-Reactivity. He is a cofounder of the Copenhagen ACI Chapter, and is a past president (1996-1998). He has authored or coauthored more than 120 scientific and technical papers, and has gained international recognition as an expert in the durability of concrete. Notably, he pioneered the use of fluorescence microscopy for determining the water-cement ratio of hardened concrete, which was adopted as a NORDTEST Standard more than 10 years ago.

Thaulow received his degree in chemical engineering from the Danish Engineering Academy in 1967.

ACI STRUCTURAL RESEARCH AWARD

Mervyn J. Kowalsky is an Assistant Professor in the Department of Civil Engineering at North Carolina State University, Raleigh, NC.

He is a member of ACI Committees 213, Lightweight Aggregate and Concrete; 374, Performance-Based Seismic Design of Concrete Buildings; and Joint ACI-ASCE-TMS Committee 530, Masonry Standards Joint Committee.

His research interests include earthquake engineering with an emphasis on the seismic behavior of concrete and masonry structures, and development of displacement-based design methods for the seismic analysis and design of structural systems.

He completed his BS, MS, PhD, and post-doctoral studies in structural engineering at the University of California at San Diego.

M. J. Nigel Priestley is Professor Emeritus of Structural Engineering, University of California at San Diego, and is also the Co-Director of the European School for Advanced Studies in Seismic Risk.

A Fellow of ACI, Priestley received ACI's Raymond C. Reese Award in 1984 and 1989. He also received ACI's Wason Medal for Most Meritorious Paper and the Arthur R. Anderson Award in 1997.

His research interests include reinforced and prestressed concrete structures and earthquake-resistant design.

Frieder Seible is the Eric and Johanna Reissner Professor of Applied Mechanics and Structural Engineering at the University of California at San Diego. He is also Executive Associate Dean of the Irwin & Joan Jacobs

School of Engineering and directs the Charles Lee Powell Structural Research Laboratories.

A Fellow of ACI, he received the "Outstanding Concrete Project Award" from the ACI San Diego Chapter and the ACI Structural Research Award in 2000. He is a member of ACI Committees 341, Earthquake-Resistant Concrete Bridges; and Joint ACI-ASCE Committee 334, Concrete Shell Design and Construction. He has also served on Joint ACI-ASCE Committee 343, Concrete Bridge Design. In 1999, Seible was elected to the National Academy of Engineering.

Seible received his undergraduate degree in civil engineering at the University of Stuttgart, Germany, his Master of Science degree in civil engineering at the University of Calgary, Alberta, Canada, and his PhD in civil engineering at the University of California, Berkeley.

ACI STRUCTURAL ENGINEERING AWARD

Sarah L. Billington is an Assistant Professor of Structural Engineering in the School of Civil & Environmental Engineering at Cornell University, Ithaca, NY. She is a member of ACI Committee 341, Earthquake-Resistant Concrete Bridges; Joint ACI-ASCE Committee 423, Prestressed Concrete; and Joint ACI-ASCE Committee 447, Finite Element Analysis of Reinforced Concrete Structures. She is also a member of the American Society of Civil Engineers (ASCE), the Precast/Prestressed Concrete Institute (PCI), the Earthquake Engineering Research Institute (EERI), the International Association of Bridge and Structural Engineers (IABSE), and the International Federation of Concrete (*fib*).

In 2000, Billington received the ARC Career Award from the Civil Engineering Research Foundation for her research activities related to her NSF Early Career Award, and in 1998, she spent a year as a visiting researcher with the Computational Mechanics Group in the Department of Civil Engineering at the Delft University of Technology in the Netherlands.

Billington received a BSE in civil engineering and operations research from Princeton University in 1990. She was awarded a Fulbright Fellowship to study civil engineering in Switzerland at the ETH (Swiss Federal Institute of Technology) from 1990-1991. She received her MS and PhD in structural engineering in 1994 and 1997, respectively, from the University of Texas at Austin.

Stephen B. Ratchye is a Structural Engineer at Ove Arup & Partners, Los Angeles, CA.

Integrating architecture and structural engineering is one of Ratchye's main interests. Ratchye's current projects include the 19-story San Francisco Federal Building and the new Children's Museum of Los Angeles, Hansen

Dam Campus, both of which feature exposed concrete shearwalls and ceilings for reasons of thermal mass and aesthetics. Various elements of both of these buildings are slated to be 50% replacement fly ash concrete; one of his current interests is the use of high volumes of pozzolans to produce more energy efficient concrete. Other concrete shear wall buildings he has worked on include the boat-shaped Assembly Buildings at the New Scottish Parliamentary Building in Edinburgh, Scotland, and the Center for Clinical Sciences and Research, Palo Alto, CA.

Ratchye received his undergraduate degree from Harvard College, and his MSE in Structures and MArch from the University of Texas at Austin. He is a registered civil engineer in the State of California.

John E. Breen holds the Nasser I. Al-Rashid Chair in Civil Engineering at the University of Texas at Austin and is a former Director of the Phil M. Ferguson Structural Engineering Laboratory. He frequently serves as a consultant on major bridge and building projects.

An ACI Honorary Member, he is past chair of ACI's Technical Activities Committee (TAC); ACI Committee 318, Structural Concrete Building Code; and the IABSE Working Commission on Concrete Structures. He is a recipient of the ACI Joe W. Kelly Award, and is also the co-author of the text, *Reinforced Concrete Fundamentals*. He also served as a visiting professor at the Swiss Federal Institute of Technology, Zurich, in 1984.

Breen is very active in structural research and development. He played a key role in design and construction of the United States' first segmentally constructed precast post-tensioned box girder bridge. His continuing role in segmental bridge research earned the initial Leadership Award of the American Segmental Bridge Institute and Honorary Membership. His research accomplishments have also been recognized nationally. He has been elected to the National Academy of Engineering and to the Swiss Academy of the IABSE Working Commission on Concrete Structures, and in 1990, he received the FIP Medal. In 2000, he was the Laureate of the International Award of Merit of IABSE.

He is a graduate of Marquette University, the University of Missouri, and the University of Texas, and is a registered professional engineer in both Missouri and Texas.

D. Andrew Vernooy is Assistant Professor at the University of Manitoba, Manitoba, Canada. Previously, he served as Associate Professor and Associate Dean at the University of Texas at Austin, where he began teaching construction, design, and theory in 1980.

Vernooy was the recipient of the ACI Central Texas Chapter's Design

Award in 1989, and has also received awards from the Texas Commission for the Blind Headquarters and the Austin Nature Center.

He received his BSE from Princeton University, his MArch and MSE from the University of Texas, and his MDESS from Harvard University.

DELMAR L. BLOEM AWARD FOR DISTINGUISHED SERVICE

Jan Olek is Associate Professor in the School of Civil Engineering at Purdue University, West Lafayette, IN, where he has been a faculty member for the past 7 years. Previously, he served on the faculty of the Colorado School of Mines and Penn State University.

An ACI member, he is Chairman and a past secretary of Committee 123, Research and Current Developments; and a member of Committees 211, Proportioning Concrete Mixtures; 231, Properties of Concrete at Early Ages; 234, Silica Fume in Concrete; and 236, Material Science of Concrete. He also serves as Chairman of the Transportation Research Board (TRB) Committee A2E01, Durability of Concrete, and is an Ex-Officio member of ACI's Concrete Research Council (CRC).

Olek received an MSCE in pavements from Cracow University of Technology, Cracow, Poland; an MSCE in materials/structures from the University of Texas at Austin; and a PhD in materials from Purdue University.

Claude E. Jaycox is President of Municipal Testing Laboratory, Inc., Hicksville, NY, where he has been a staff member since 1961. His professional career has focused on the inspection and testing of construction materials and related quality assurance activities.

An ACI member since 1972, Jaycox served as Secretary of ACI Committee 311, Inspection of Concrete from 1972-1994, and as Chairman from 1994-2000. He currently serves on TAC and Committee C 620, Laboratory Technician Certification. He is a past member of Committees C 630, Construction Inspector Certification; 348, Structural Safety; and Joint ACI-ASME Committee 359, Concrete Components for Nuclear Reactors.

Jaycox was elected Fellow of ASTM in 1998, and continues to be active on several committees. He also received their Award of Merit. He is also a member of numerous other professional organizations, including the Precast/Prestressed Concrete Institute (PCI), the National Society of Professional Engineers, the Concrete Reinforcing Steel Institute (CRSI), a life member of the American Welding Society, the American Society for Quality, and the International Council of Building Officials.

A professional engineer since 1977, Jaycox was one of the first examiners

and trainers for ACI certification programs, and is a strong proponent of training, qualifications, and certification for concrete professionals.

Nicholas A. Legatos is Vice President and Manager of Engineering of Preload Inc., designers and builders of prestressed concrete tanks for liquid storage. In the 1970s and '80s, he directed the design of double-containment prestressed concrete tanks for the storage of liquefied gases as part of Preload's worldwide pioneering work in the use of concrete for cryogenic liquid storage.

An ACI member since 1955, Legatos is Chairman of ACI Subcommittee 350-6, Seismic Design of Liquid Containing Concrete Structures and past chairman of ACI Committee 372, Circular Concrete Structures Prestressed by Wrapping with Wire or Strand. He is also a member of ACI Committee 350, Environmental Engineering Concrete Structures; and 373, Circular Concrete Structures Prestressed with Circumferential Tendons. He is an active member of NFPA Committees 59A, Liquefied Natural Gas; and 22, Water Storage Tanks, where for the past 12 years he has served as an ACI representative. He also serves on CSA Committee Z276, the Canadian committee on liquefied natural gas. He is the ACI Committee 350 liaison on the Building Seismic Safety Council (BSSC), where he serves as a member of Subcommittee TS-13, Nonbuilding Structures. He has authored many papers on earthquake design and the design of cryogenic liquid storage tanks.

Legatos received his BS in civil engineering from the University of Maine, and his MS in civil/structural engineering from the University of Illinois, Urbana-Champaign. He is a licensed professional engineer in 27 states and three Canadian provinces, and is a licensed structural engineer in the State of Illinois.

CHAPTER ACTIVITIES AWARD

Dianne Johnston has been Executive Director of the ACI New Jersey Chapter since 1981. During her tenure, chapter membership has grown from 130 to 480 members, and the chapter has received ACI's Excellent Chapter Award in 1989, 1995, and 1999, and the Outstanding Chapter Award from 1990-1994, 1996-1998, and in 2000.

For the past 8 years, she has served as the Program Coordinator for the New Jersey Annual Concrete Awards Dinner, which is one of the largest of its kind in the country. She is Editor and Publisher of the "Jersey Concrete Newsletter," a biannual publication of the ACI New Jersey Chapter, and serves on the New Jersey Chapter Certification Committee, which oversees the Chapter Certification Program, which routinely runs 10+ courses per year

with over 300 participants. In addition, she regularly attends regional ACI chapter roundtable meetings as a representative of the New Jersey Chapter, and served on the ACI Chapter Activities Committee for two consecutive terms, ending in 1997.

Johnston was instrumental in establishing the chapter's Annual Golf Outing and is Co-Chairman of that committee. She has been heavily involved in developing innovative chapter programs, such as the Chapter Scholarship Program; the student competition; the Merit Award Program for outstanding local college students; and the Floating Concrete Program for children. All of these endeavors are geared toward promoting education of quality concrete and interest in concrete-related careers.

REINFORCED CONCRETE RESEARCH COUNCIL– ARTHUR J. BOASE AWARD

James K. Wight is Professor of Structural Engineering in the Civil and Environmental Engineering Department at the University of Michigan, where he is responsible for the entire undergraduate and graduate curriculum related to the analysis and design of RC structures. A faculty member since 1973, he is well-known both nationally and internationally for his work in earthquake-resistant design and seismic upgrading of concrete structures.

An ACI member since 1973, Wight was elected Fellow of the Institute in 1984. He is the new Chairman of ACI Committee 318, Structural Concrete Building Code; a member and former Chairman of Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures; and a member of Joint ACI-ASCE Committee 445, Shear and Torsion. He is a former member and past Chairman of the ACI Technical Activities Committee (TAC), and a former member of the ACI Board of Direction. A past president of the ACI Michigan Chapter, he was awarded the Delmar L. Bloem Distinguished Service Award in 1991, and the Joe W. Kelly Award in 1999 for his "outstanding efforts for the education of students in design of reinforced concrete structures."

Wight has also received numerous awards for his teaching and service, and is an eight-time winner of the ASCE Student Chapter "Teacher of the Year" Award. He has been recognized for "Distinguished Service" and "Teaching Excellence" by the University of Michigan College of Engineering, and is a recipient of the State of Michigan Award for Outstanding Teaching and the Chi Epsilon-Great Lakes District Excellence in Teaching Award.

Wight received his BS and MS in civil engineering from Michigan State University, East Lansing, MI, in 1969 and 1970, respectively; and his PhD from the University of Illinois at Urbana-Champaign in 1973.

WALTER P. MOORE, JR., FACULTY ACHIEVEMENT AWARD

F. Michael Bartlett is Associate Professor of Civil and Environmental Engineering at the University of Western Ontario in London, Ontario, Canada, where he has been a faculty member since 1995.

He is a member of ACI Committees 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete; 345, Concrete Bridge Construction, Maintenance, and Repair; 348, Structural Safety; and a founding member and Chairman of ACI Committee 342, Evaluation of Concrete Bridges and Bridge Elements. He is the first recipient of ACI's Walter P. Moore, Jr., Faculty Achievement Award (2002).

Bartlett's research interests include structural reliability, code calibration, and the evaluation of existing structures, particularly bridges. He has applied his expertise in risk engineering to numerous projects including the Confederation Bridge. He is co-author of the textbook *Reinforced Concrete: Mechanics and Design – First Canadian Edition,* which has been widely adopted in Canada.

He received a BSc from Queen's University in 1979, an MASc from the University of Waterloo in 1982, and a PhD from the University of Alberta in 1994.

PORTLAND CEMENT ASSOCIATION
2002 CONCRETE IN TRANSIT AWARD WINNERS

Four winners have been selected in PCA's biennial *Concrete in Transit Awards Program*. The awards recognize excellence in design and construction of transit projects that best exemplify the use of concrete in transit.

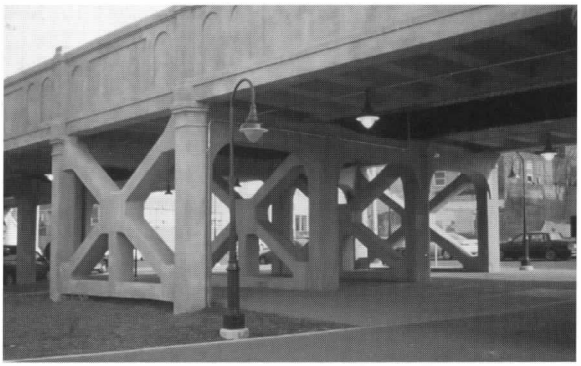
A panel of three professionals in the transit industry chose the awards based on creativity, transferability, aesthetics, economics, and functionality. The panelists this year were Glenn Zika, Vice President, Chicago Transit Authority; Jim Rollings, Vice President, Parsons Transportation Group; and Rob Kelly, Associate Architect, DLK Architecture.

Following are this year's winners without regard to ranking.

Millennium Line SkyTrain Extension Project

Location:	Greater Vancouver, B.C.
Owner:	Rapid Transit Project 2000 Ltd.
Engineers:	Earthtech
	EBA
	Stantee
Contractor:	SAR Transit JV
Supplier:	Lafarge
Precaster:	SAR Transit JV

Viaduct Restoration & Accessibility Upgrades to NJ Transit's Paterson Train Station



Location:	Paterson, New Jersey
Owner:	New Jersey Transit
Engineer:	New Jersey Transit
Architect:	New Jersey Transit
Contractor:	Railroad Construction Company, Inc.
Supplier:	County Concrete Corp.
Precaster:	Concrete Safety Systems

Buschlen Mowatt Galleries

(City of Palm Desert Bus Shelter Improvement Program)

Location:	Palm Desert, California
Owner:	Tim Bartlett
Engineer:	Johnson & Neilsen
Architect:	Tim Bartlett
Contractor:	Hayhoe Construction
Supplier:	Hayhoe Construction

Renton Transit Center

Location:	Renton, Washington
Owner:	King County Metro Transit/City of Renton
Engineer:	Parametrix, Inc.
Architect:	Merritt + Pardini
Contractor:	Gary Merlino Construction Company
Supplier:	Stoneway Concrete

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