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HONORARY MEMBERS

- Mario Collepari ✓
- Bernard Erlin ✓
- Howard R. May ✓
- Jan Moksnes ✓
- Shigeyoshi Nagataki ✓

FELLOWS

- | | | |
|-----------------------------|-----------------------|-------------------------|
| Dennis C. Ahal ✓ | I-Kuang Fang ✓ | Keith Kesner ✓ |
| Scott D.B. Alexander ✓ | Edward J. Garboczi ✓ | Sashi K. Kunnath ✓ |
| Joseph A. Amon ✓ | Lawrence G. Griffis ✓ | Richard A. Lawrie ✓ |
| Neal S. Anderson ✓ | Pawan R. Gupta ✓ | Andres Lepage ✓ |
| Mark A. Aschheim ✓ | Will Hansen ✓ | William J. Lyons, III ✓ |
| Richard (Rick) P. Bohan ✓ | Carolyn M. Hansson ✓ | John J. Myers ✓ |
| Michael A. Caldarone ✓ | Kent A. Harries ✓ | Satish K. Sachdev ✓ |
| William (Bill) Ciggelakis ✓ | Cecil L. Jones ✓ | Andrew W. Taylor ✓ |

50-YEAR MEMBERSHIP

- | | | |
|-----------------------|-------------------|--------------------|
| John E. Breen | Raymond Itaya | Charles G. Salmon |
| Ned Burns | Alan H. Mattock | Norman L. Scott |
| Irwin Cantor | Howard R. May | John Seidensticker |
| Eric Elsesser | Donald D. Meisel | Donald C. Tsiang |
| Noel J. Everard | Douglas H. Merkle | John White |
| H.C. Fischer | Arthur H. Nilson | Roger Wildt |
| Neil M. Hawkins | Donald H. Olson | Wayman C. Wing |
| Nicholas M. Hernandez | William Poznak | |
| Ira Hooper | Stanley Prill | |

ARTHUR R. ANDERSON AWARD

- Richard C. Prusinski ✓

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

- Terry J. Fricks ✓

JOE W. KELLY AWARD

World of Concrete Seminar Program

HENRY L. KENNEDY AWARD

- Khaled W. Awad ✓

ALFRED E. LINDAU AWARD

- Bernardo Deschapelles

HENRY C. TURNER MEDAL

- Enrique Pasquel ✓

CHARLES S. WHITNEY MEDAL

California Department of Transportation—CALTRANS

CEDRIC WILLSON AWARD

John P. Ries ✓

ACI CERTIFICATION AWARD

Ismael Aviles ✓ · Thomas O. Malerk ✓ · Ronald E. Vaughn ✓

ACI DISTINGUISHED ACHIEVEMENT AWARD

Uzun and Case Engineers, LLC

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

Lawrence H. Taber ✓ · Jason Weiss ✓

WASON MEDAL FOR MOST MERITORIOUS PAPER

Matthew Offenberg ✓

ACI CONSTRUCTION AWARD

Kevin Main ✓ · Roger Woodhead ✓

WASON MEDAL FOR MATERIALS RESEARCH

Dale P. Bentz ✓ · Pietro Lura ✓ · John W. Roberts ✓

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

Kenneth J. Elwood ✓ · Jack P. Moehle ✓

ACI DESIGN AWARD

L. Javier Malvar ✓

DELMAR L. BLOEM DISTINGUISHED SERVICE AWARD

Joseph A. Daczko ✓ · Jonathan E. Dongell ✓ · Jay H. Paul ✓

CHAPTER ACTIVITIES AWARD (DOMESTIC)

Joe Hug ✓ · Kenneth M. Lozen ✓

CHAPTER ACTIVITIES AWARD (INTERNATIONAL)

Khaled W. Awad ✓ · Enrique Pasquel ✓

WALTER P. MOORE, JR., FACULTY ACHIEVEMENT AWARD

James H. Hanson —

CONCRETE RESEARCH COUNCIL

ARTHUR J. BOASE AWARD

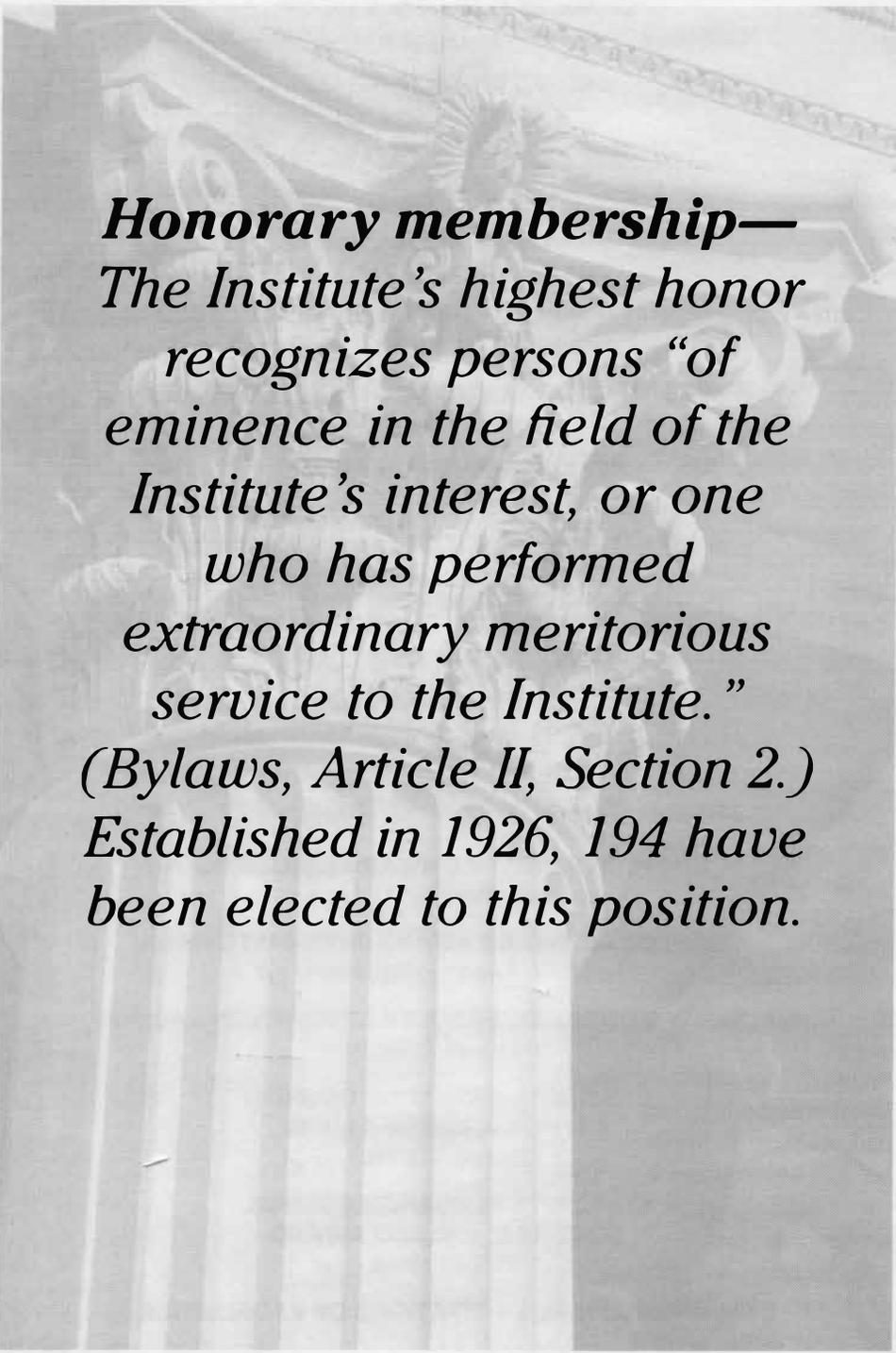
Thomas T.C. Hsu ✓

CONCRETE RESEARCH COUNCIL

ROBERT E. PHILLEO AWARD

William Hime ✓

CHAPTER AWARDS – CITATIONS OF EXCELLENCE

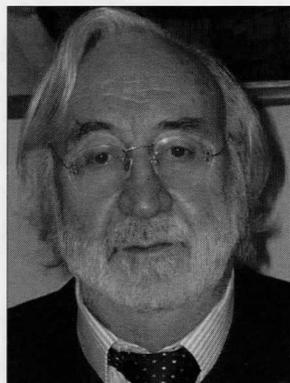


Honorary membership—
*The Institute’s highest honor
recognizes persons “of
eminence in the field of the
Institute’s interest, or one
who has performed
extraordinary meritorious
service to the Institute.”*

*(Bylaws, Article II, Section 2.)
Established in 1926, 194 have
been elected to this position.*

Honorary Members

“for his contributions to the teaching and science of concrete technology, particularly in the areas of cement hydration reactions, superplasticizers, other chemical admixtures, and durability”



Mario Collepardi

Mario Collepardi is President of Engineering Concrete (ENCO), Ponzano Veneto, Italy, a research and consulting company focusing on building construction. From 1967 to 2004, he was a Full Professor of civil engineering faculties in Italy, including Cagliari, Ancona, Venice, Rome, and Milan.

During the period from 1970 to 1972, he developed a mathematical model based on Fick's Second Law to predict chloride penetration into concrete structures. He is the author or co-author of more than 350 papers or books, including *The New Concrete* recently published in October 2006.

An ACI member since 1994, he received an ACI/CANMET award in 1989 for his "outstanding contributions to the fundamental knowledge of superplasticizers, and their use in concrete." In 1997, ACI and CANMET honored him in Rome, Italy, with the publication, *Mario Collepardi Symposium on Advances in Concrete Science and Technology*, edited by P.K. Mehta. In addition, he serves on the Advisory Board of *Cement and Concrete Research* and *Cement and Concrete Composites*.

His research interests include cement hydration, superplasticizers and other chemical admixtures, and the durability of reinforced concrete structures.

He received an MS in industrial chemistry from the University of Rome, Rome, Italy, in 1962.

Honorary Members



Bernard Erlin

“for his contributions to ACI and the concrete industry; his pioneering work in the development and application of petrography for the characterization of concrete”

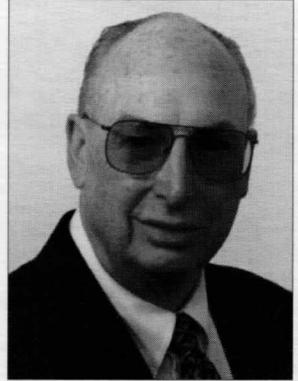
Bernard Erlin is President of The Erlin Company, Latrobe, PA. He began his professional career as a petrographer in the concrete industry in 1956 at the Research and Development Laboratories, Portland Cement Association. Following that, he and William Hime founded Erlin Hime Associates, which later became the Erlin Hime Associates Division of Wiss, Janney, Elstner Associates, Inc., where he was a Principal, and later became President and CEO of Testwell Craig Associates.

An ACI member for almost 40 years, Erlin is Past Chair of ACI Committee 116, Terminology and Notation; is a member of ACI Committees 201, Durability of Concrete; and was a member of ACI Committees 222, Corrosion of Metals in Concrete, and 362, Parking Structures. In addition, he organized, chaired, or co-chaired a number of ACI sessions, and has authored or co-authored over 100 papers dealing with petrographic examinations and other aspects of construction materials. He is a Co-Editor of several books that are compilations of papers from ACI and ASTM International sessions. In 2003, he received the ACI Pittsburgh Chapter Tink Bryan Award for exemplary contributions to the industry.

Erlin received his BS from the University of Wisconsin, Madison, WI, in 1956. He is a registered geologist in the states of California, Georgia, and Pennsylvania.

Honorary Members

“for his lifetime achievements and leadership in prestressed concrete and parking structures; his 50 years of leadership to the Institute on both technical and administrative committees”



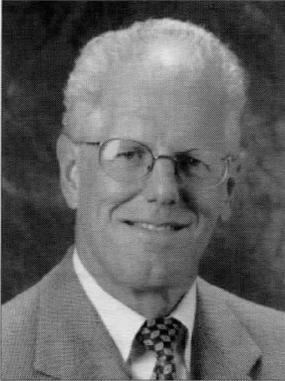
Howard R. May

Howard R. May retired in mid-1999 after more than 40 years of structural engineering work. Between 1951 and 1955, he worked for the Alaska Road Commission for 2 years and served in the U.S. Army for 2 years. From 1956 to 1957, he worked a year as a Research Engineer at the University of California-Berkeley, Berkeley, CA. He then joined the firm of T.Y. Lin and Associates in Los Angeles, CA; in 1960, he set up a branch office in Chicago, IL, and continued to manage that office under three other firms (Conrad Associates, Conrad Associates East, and Desman Associates) until 4 years before his retirement. Most of his engineering work was related to prestressed concrete and the design of parking structures.

An ACI member for more than 45 years, he is Past Chair and a member of ACI Committee 362, Parking Structures. He is also Past Chair of the ACI Financial Advisory Committee and Joint ACI-TMS Committee 216, Fire Resistance and Fire Protection of Structures. He served on the ACI Board of Direction, the ACI Convention Committee, the ACI Strategic Plan Oversight Committee, and the task group on International Strategies. He was a co-recipient of the ACI Construction Practice Award in 1967 and received the ACI Henry L. Kennedy Award in 2001.

May received his BS and MS in engineering from the University of California in 1951 and 1956, respectively.

Honorary Members



Jan Moksnes

“for his technical and management contributions to the industry; particularly for world-wide offshore marine structures and marine bridges, and for his leadership in national and international concrete organizations”

Jan Moksnes has been an independent Consulting Engineer in Stavanger, Norway, since 1998. His recent assignments include work on large marine concrete structures in Spain, Russia, Monaco, and the Gulf of Mexico.

Moksnes was Chairman of an International Technical Panel on the Rion-Antirion Cable Stay Bridge in Greece from 1999 to 2006. From 1996 to 1998, he was President of Aker Maritime Inc., Houston, TX. Prior to that, he worked for more than 20 years for Norwegian Contractors in Norway, where he served in different capacities and was President from 1992 to 1996, and was involved in the delivery of some 20 large concrete offshore structures to the petroleum industry in Norway, Canada, and the UK. From 1964 to 1968, he lectured on engineering materials at the Newcastle University in Newcastle upon Tyne, England.

He is a Fellow of the Institution of Structural Engineers and of the Royal Academy of Engineering in London. He has been a board and committee member of the Norwegian Concrete Association, Oslo, Norway, for many years and was President from 1987 to 1989. He has also been a member of the International Federation for Structural Concrete (FIP, now *fib*) and served as President from 1992 to 1996. He has served on the committees of several international conferences on high-performance concrete and has published more than 50 papers.

In 1998, he received the Freyssinet Medal from FIP for outstanding contributions in the field of structural concrete. In 2005, he received the Albert Caquot Medal from the French Association of Civil Engineers (AFGC) in recognition of his contributions to civil engineering construction.

His research interests include offshore concrete structures and bridges, as well as the education, research, and work of voluntary professional organizations.

He received his BSc in civil engineering from Newcastle University in Newcastle upon Tyne, England, in 1960.

Honorary Members

“for his contributions to concrete technology and engineering; and to ACI’s goal of building a worldwide community of equal partners advancing concrete knowledge”



Shigeyoshi Nagataki

Shigeyoshi Nagataki is a Professor in the Department of Urban Environment, Aichi Institute of Technology, and Professor Emeritus, Tokyo Institute of Technology, Japan. He has taught and conducted research in concrete technology and reinforced concrete engineering at universities for over 40 years.

An ACI member since 1963, he has attended ACI programs, such as ACI conventions and ACI/CANMET symposia, more than 35 times and contributed approximately 50 technical papers. He received ACI/CANMET Awards for outstanding contributions in the area of mineral and chemical admixtures in 1992 and 1998, respectively. He became a JSCE Honorary Member in 2006 and received the Medal with Purple Ribbon from the Japanese government in 2002; the JSCE Distinguished Paper Award in 1991 and 1998; the JSCE Yoshida Prize in 1973, 1987, 1989, and 2002; and the JCA Distinguished Paper Award in 1984.

He was President of the Japan Concrete Institute (JCI) from 2004 to 2006 and the Japan Society of Dam Engineering (JSDE) from 2002 to 2003, and was Vice President of the Japan Society of Civil Engineering (JSCE) from 1995 to 1996 and the Japan Society of Materials Science (JSMS) from 1994 to 1996. He has served as a member and Chairman of numerous committees in JCI, JSDE, JSCE, JSMS, the Japan Cement Association, the Japan Ready Mixed Concrete Association, the Japan Society for the Promotion of Science, and the Japanese Industrial Standard Association.

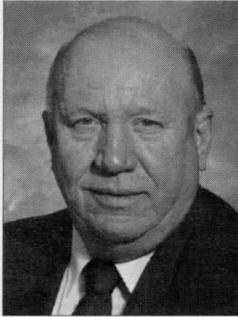
He received his BS, MS, and Dr. of Eng. in civil engineering from the University of Tokyo, Tokyo, Japan.

Fellow—“A Fellow shall be a person who has made outstanding contributions to the production or use of concrete materials, products, and structures in the areas of education, research, development, design, construction, or management.”

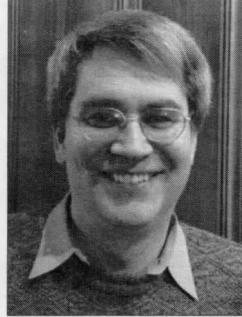
(Bylaws, Article II, Section 3.)

Created in 1973, 565 members now hold the position of Fellow.

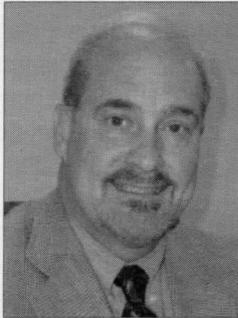
They are recommended by the Fellows Nomination Committee and elected by the Board of Direction.



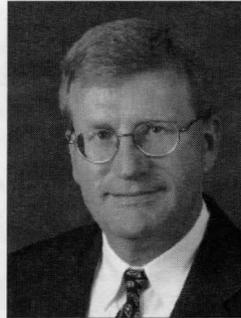
Dennis C. Ahal



Scott D.B.
Alexander



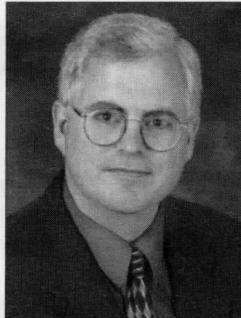
Joseph A. Amon



Neal S. Anderson

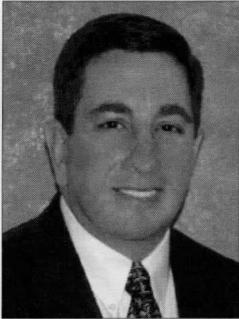


Mark Aschheim



Richard (Rick) P.
Bohan

Fellows



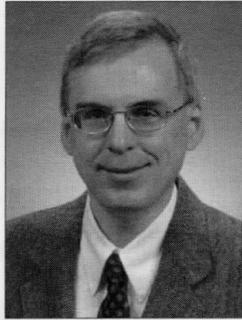
Michael A.
Caldarone



William (Bill)
Ciggelakis



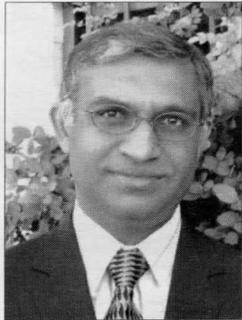
I-Kuang Fang



Edward J. Garboczi



Lawrence G. Griffis



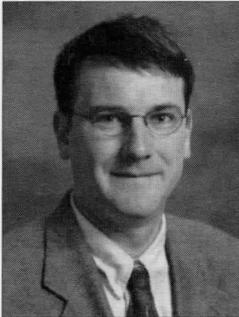
Pawan R. Gupta



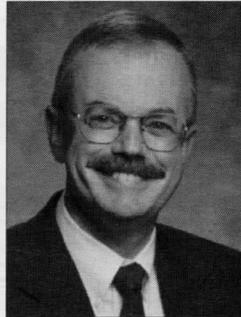
Will Hansen



Carolyn M. Hansson



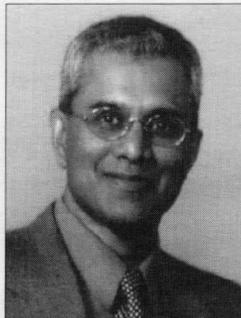
Kent A. Harries



Cecil L. Jones



Keith Kesner

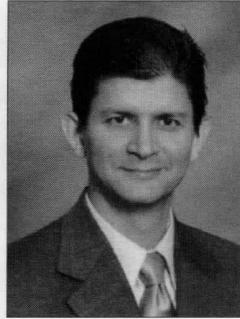


Sashi K. Kunnath

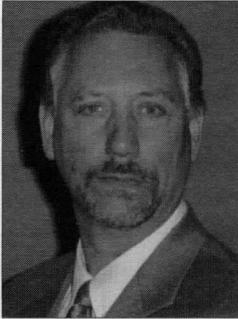
Fellows



Richard A. Lawrie



Andres Lepage



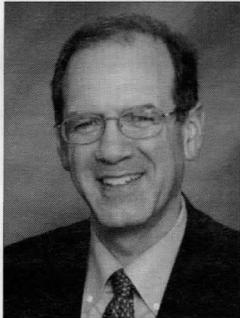
William J. Lyons III



John J. Myers



Statish K. Sachdev

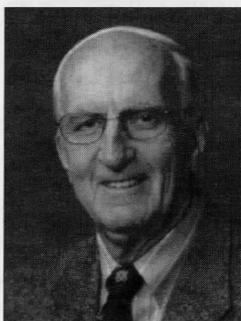


Andrew W. Taylor

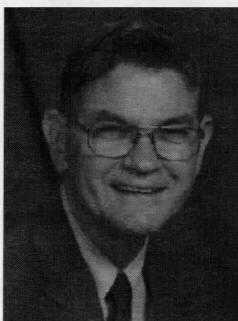
50-Year Membership Citations

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.



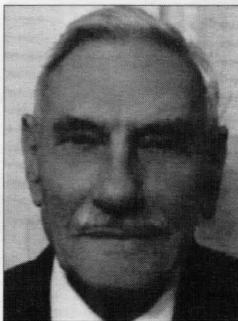
John E. Breen



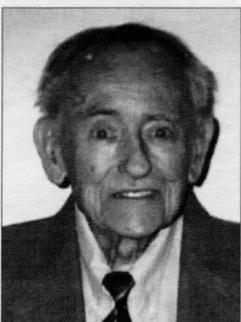
Ned Burns



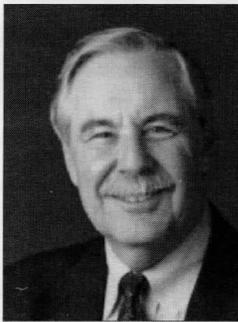
Irwin Cantor



Noel J. Everard

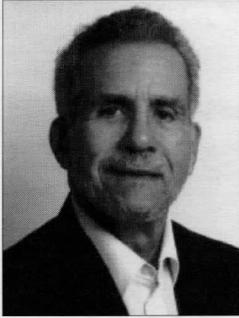


H.C. Fischer

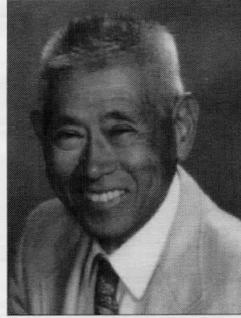


Neil M. Hawkins

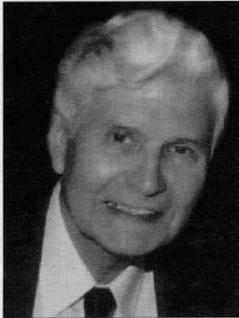
50-Year Membership Citations _____



Nicholas M.
Hernandez



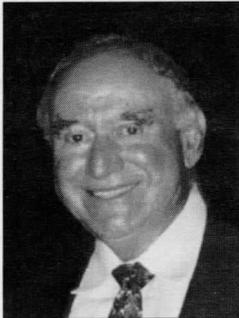
Raymond Itaya



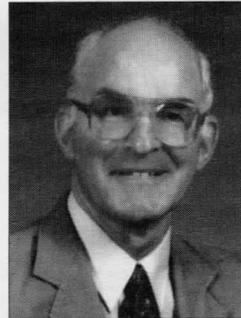
Alan H. Mattock



Howard R. May

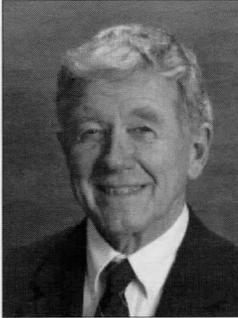


Donald D. Meisel

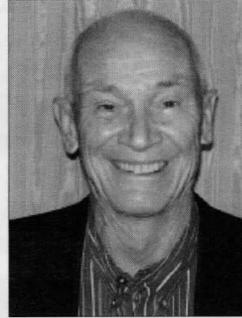


Douglas H. Merkle

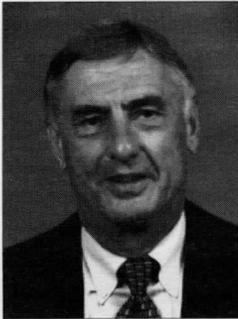
50-Year Membership Citations



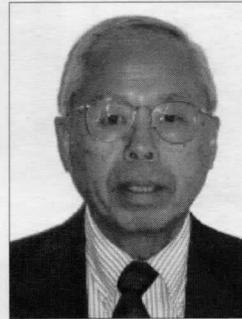
Arthur H. Nilson



Charles G. Salmon



Norman L. Scott



Donald C. Tsiang

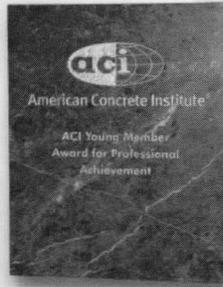
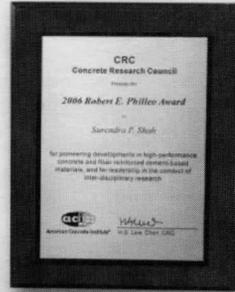
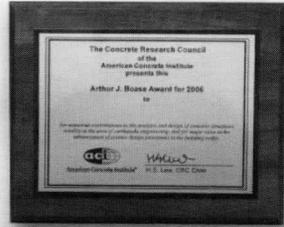


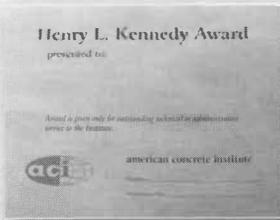
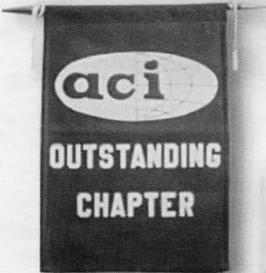
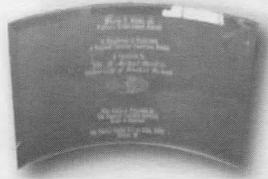
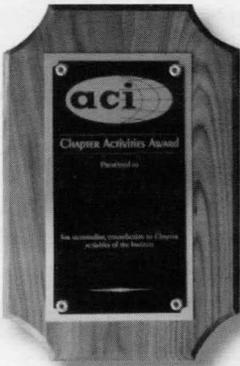
Roger Wildt

Not Pictured:

Eric Elsesser
Ira Hooper
Donald H. Olson
William Poznak
Stanley Prill
John Seidensticker
John White
Wayman C. Wing

ACI Awards





Arthur R. Anderson Award _____



“for his pioneering work in polymer concrete and for leadership in the development of polymer concrete applications”

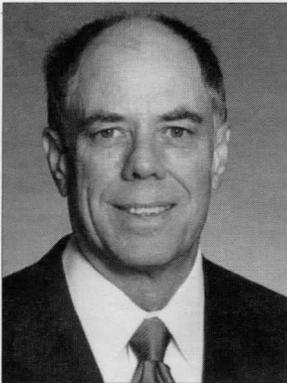
Richard C. Prusinski

(For bio see pages 51-52)

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

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

Roger H. Corbetta Concrete Constructor Award _____



“for his outstanding contributions to ACI and the concrete construction industry in the field of high-tolerance floor construction”

Terry J. Fricks

(For bio see page 52)

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

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

Joe W. Kelly Award

“for 30 years of developing and maintaining an excellent technical program on concrete materials, construction practices, and repairs to the industry at large”



Hanley Wood

World of Concrete
Seminar Program

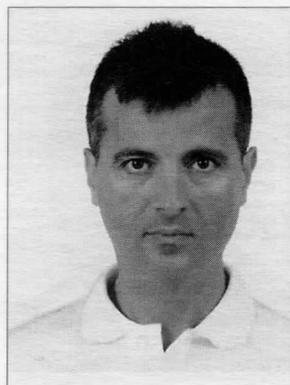
(For bio see pages 52-53)

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 construction.

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

Henry L. Kennedy Award

“for his outstanding contributions to the Institute, particularly his work on behalf of international activities and certification programs”

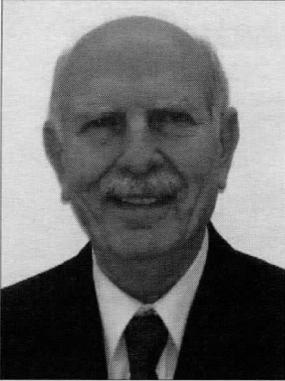


Khaled W. Awad

(For bio see page 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 _____



Bernardo Deschappelles

“for his lifetime service and dedication to developing and promulgating methods of analysis and design of concrete structures, particularly in the area of shear wall buildings”

(For bio see pages 53-54)

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

Henry C. Turner Medal _____



Enrique Pasquel

“for his extraordinary leadership in expanding and promoting the ACI Peru Chapter, thus enhancing the technology, design, and use of concrete, making it an example for all Latin America”

(For bio see page 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 Medal

“for over 30 years of research and development of highway and bridge standards that have influenced practices worldwide”



(For bio see pages 54-55)

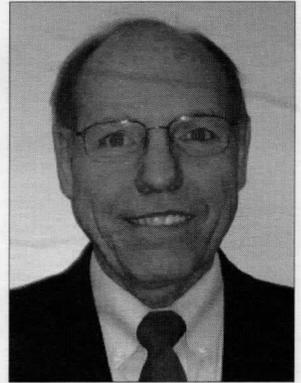
California Department of
Transportation (CALTRANS)

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

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

Cedric Willson Award

“for his long-term contributions to the technology and application of structural lightweight concrete, and his effective transfer of knowledge on lightweight concrete to the construction industry”

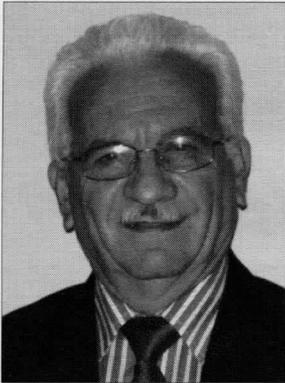


John P. Ries

(For bio see pages 55-56)

The **Cedric Willson Award** was approved in 1976 to recognize the many contributions of Cedric Willson, the 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 Certification Award _____



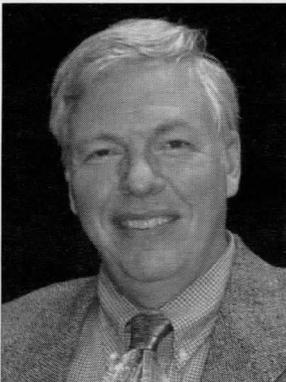
Ismael Aviles

“for outstanding support in facilitating, administering, and promoting ACI Certification programs”

(For bio see page 56)

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

ACI Certification Award _____



Thomas O. Malerk

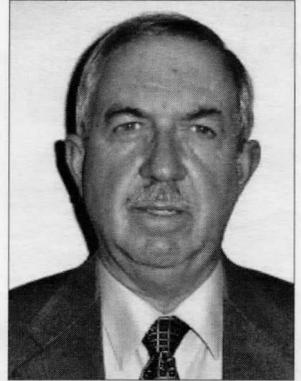
“for outstanding service on ACI Certification committees and promoting ACI Certification programs”

(For bio see page 56)

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

ACI Certification Award

“for outstanding service on ACI Certification committees, and administering ACI Certification programs”



Ronald E. Vaughn

(For bio see page 57)

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

ACI Distinguished Achievement Award

“for advancing concrete applications through the courageous use of new design applications, innovation, and ‘hands-on’ techniques”



Uzun and Case
Engineers, LLC

(For bio see page 57)

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

ACI Young Member Award for Professional Achievement



Lawrence H. Taber

“for his contributions to the advancement of concrete technology and concrete construction, and advancing the goals and objectives of ACI at both the local and international levels”

(For bio see page 58)

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

ACI Young Member Award for Professional Achievement



Jason Weiss

“for educating students in the material science of concrete, his contributions to advancing the scientific understanding of shrinkage and crack prevention, and technology transfer to practicing professionals”

(For bio see page 58)

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

—Wason Medal for Most Meritorious Paper

*“for documenting construction practices
for pervious concrete pavements”*

“Producing Pervious Pavements,” *Concrete International*, March 2005, pp. 50-54

(For bio see pages 58-59)



Matthew Offenberg

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

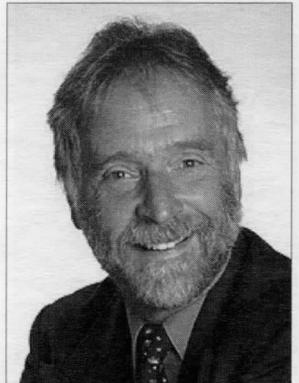
All original papers presented to the Institute by members (or if co-authored, at least one author must be an ACI member) and published by the Institute during the volume year for which the medal is awarded are eligible.

ACI Construction Award

*“for describing methods for constructing
underground concrete structures in
areas with high water tables”*

“Experience with the Caisson Sinking Method,”
Concrete International, November 2005, pp. 53-59

(For bio see page 59)



Roger Woodhead

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

ACI Construction Award _____



Kevin Main

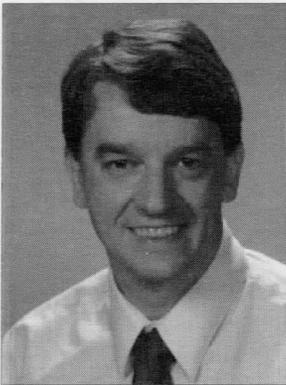
“for describing methods for constructing underground concrete structures in areas with high water tables”

“Experience with the Caisson Sinking Method,” *Concrete International*, November 2005, pp. 53-59

(For bio see pages 59-60)

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

Wason Medal for Materials Research _____



Dale P. Bentz

“for developing mixture proportions to facilitate internal curing of concrete”

“Mixture Proportioning for Internal Curing,” *Concrete International*, February 2005, pp. 35-40

(For bio see page 60)

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

_____ Wason Medal for Materials Research

“for developing mixture proportions to facilitate internal curing of concrete”

“Mixture Proportioning for Internal Curing,” *Concrete International*, February 2005, pp. 35-40

(For bio see page 60)



Pietro Lura

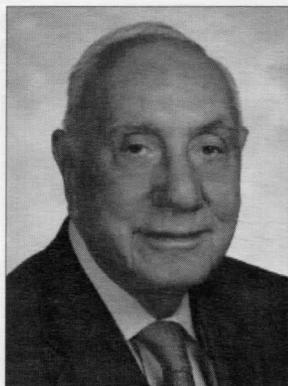
The **Wason Medal for Materials Research** was founded in 1917 by Leonard C. Wason, Past President of the Institute. Any report of original research work on concrete materials and their uses, or a discovery that advances the state of knowledge of materials used in the concrete industry is eligible for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

_____ Wason Medal for Materials Research

“for developing mixture proportions to facilitate internal curing of concrete”

“Mixture Proportioning for Internal Curing,” *Concrete International*, February 2005, pp. 35-40

(For bio see pages 60-61)



John W. Roberts

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

Chester Paul Siess Award for Excellence in Structural Research _____



Kenneth J. Elwood

“for estimating the residual axial capacity of reinforced concrete columns damaged during earthquakes”

*“Axial Capacity Model for Shear-Damaged Columns,”
ACI Structural Journal, July-August 2005, pp. 578-587*

(For bio see page 61)

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

Chester Paul Siess Award for Excellence in Structural Research _____



Jack P. Moehle

“for estimating the residual axial capacity of reinforced concrete columns damaged during earthquakes”

*“Axial Capacity Model for Shear-Damaged Columns,”
ACI Structural Journal, July-August 2005, pp. 578-587*

(For bio see page 61)

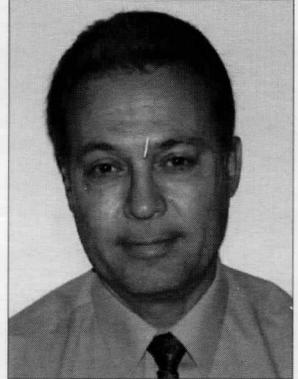
The **Chester Paul Siess Award for Excellence in Structural Research** is given to the author or authors of a peer-reviewed paper published by the Institute that describes a notable achievement in experimental or analytical research that advances the theory or practice of structural engineering and,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

ACI Design Award

“for developing a methodology to improve the blast resistance of existing reinforced concrete columns”

“Specific Local Resistance Concepts,” *Concrete International*, December 2005, pp. 23-27

(For bio see page 62)



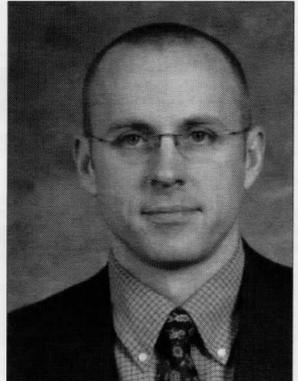
L. Javier Malvar

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

Delmar L. Bloem Award for Distinguished Service

“for outstanding leadership of ACI Committee 237, Self-Consolidating Concrete”

(For bio see page 62)



Joseph A. Daczko

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

Delmar L. Bloem Award for Distinguished Service _____



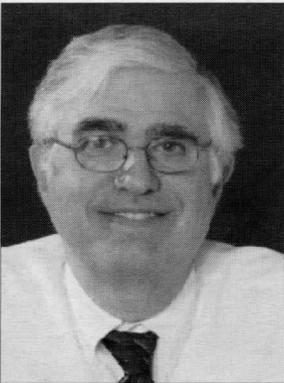
Jonathan E. Dongell

*“for outstanding leadership of ACI
Committee 524, Plastering”*

(For bio see page 63)

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

Delmar L. Bloem Award for Distinguished Service _____



Jay H. Paul

*“for outstanding leadership of ACI
Committee 546, Repair of Concrete”*

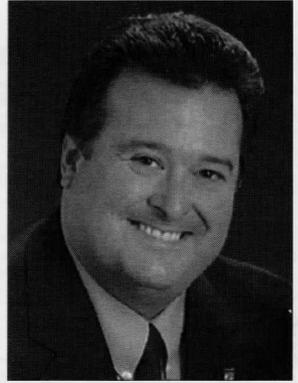
(For bio see page 63)

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

_____ Chapter Activities Award—Domestic

“for outstanding and enthusiastic dedication to the ACI Greater Michigan Chapter and promotion of concrete to the industry”

(For bio see page 64)



Kenneth M. Lozen

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

_____ Chapter Activities Award—Domestic

“for dedicated service and outstanding contributions to the ACI Kansas Chapter”

(For bio see pages 63-64)



Joe Hug

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

Chapter Activities Award—International _____



Khaled W. Awad

“for consistent outstanding devotion and involvement in the ACI Lebanon Chapter”

(For bio see page 53)

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

Chapter Activities Award—International _____



Enrique Pasquel

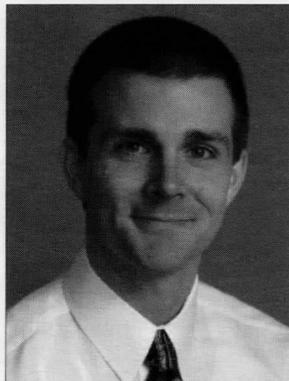
“for outstanding leadership, promotion, and growth of the ACI Peru Chapter”

(For bio see page 54)

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

Walter P. Moore, Jr. Faculty Achievement Award

“in recognition of his commitment to educational scholarship through his publications, teaching, student engagement, research, presentations, committee work, and conference participation”



James H. Hanson

(For bio see page 65)

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

Concrete Research Council— Arthur J. Boase Award

“for extensive research advancing the understanding of torsion in structural concrete members, and for many contributions to codification of design for shear and torsion”

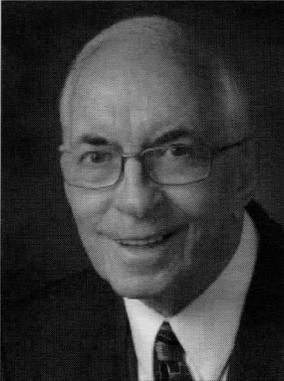


Thomas T.C. Hsu

(For bio see pages 65-66)

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

Concrete Research Council— Robert E. Philleo Award _____



William Hime

“for numerous contributions to research and testing of portland cement and concrete, and for evaluations of service load performance of concrete materials”

(For bio see page 66)

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

T.Y. Lin Award _____

The recipients of the 2007 T.Y. Lin Award are Siddwartha Mandal and Amir Fam, *“for the paper ‘Modeling of Prestressed Concrete-Filled Circular Composite Tubes Subjected to Bending and Axial Loads,’ Journal of Structural Engineering, March 2006.”*

CITATIONS OF EXCELLENCE

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

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

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

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

For international chapters, there are 52 possible points. Those achieving at least 26 points are accorded "outstanding" status. A rating of at least 34 points is necessary for "excellent" honors.

Excellent Chapters

Southern California
Carolinas
Georgia
India
Iran
Central & Southern Mexico
Greater Miami
Missouri
New Mexico
New Jersey
Rocky Mountain
Peru
Northeast Texas

Outstanding Chapters

Algeria
Arizona
Northern CA/Western NV
Greater Michigan
Indiana
Intermountain
Kansas
Las Vegas
Louisiana
Mongolia
Nebraska
Ontario
Eastern Pennsylvania &
Delaware
Pittsburgh Area
San Diego International

*Award Recipient Biographies*_____

HONORARY MEMBERSHIP – Mario Collepari (see page 5)

HONORARY MEMBERSHIP – Bernard Erlin (see page 6)

HONORARY MEMBERSHIP – Howard R. May (see page 7)

HONORARY MEMBERSHIP – Jan Moksnes (see page 8)

HONORARY MEMBERSHIP – Shigeyoshi Nagataki (see page 9)

FELLOWS

Dennis C. Ahal is Chairman/CEO of Ahal Contracting Co., Inc., a 61-year-old concrete contracting firm in St. Louis, MO. Ahal has 46 years of experience in the concrete business, with 23 years as President of Ahal Contracting and 7 years as its Chairman.

Ahal serves as Secretary of ACI Committee 302, Construction of Concrete Floors. He also serves on an ACI task force investigating delamination of lightweight concrete, and previously served on a task force to investigate the feasibility of contractor certification. In 2005, he received the ACI Roger H. Corbetta Concrete Constructor Award.

He is a Past President of the American Society of Concrete Contractors (ASCC), and served as initial Co-Chairman of a strategic alliance between ASCC and the National Ready Mixed Concrete Association. He is a member of ASCC's Strategic Planning, Administrative, and Technical Review Committees.

He is also a Past President of the Concrete Council of St. Louis, where he served three terms. He serves as Chairman of the St. Louis Cement Mason Joint Apprenticeship Committee, is a former associate member director of the Associated General Contractors of St. Louis, and is a Past Chairman of the Bomanite International Society advisory board. He has been a speaker at World of Concrete, at a symposium for the Tilt-Up Concrete Association, and for the Missouri Concrete Conference.

He has been elected to the St. Louis Concrete Council Hall of Fame as one of the initial five inductees; has received the St. Louis Concrete Council Award of Honor, which has only been awarded six times; and has received Bomanite International Society's Lifetime Achievement Award.

Ahal attended the University of Missouri-Rolla, Rolla, MO.

Scott D.B. Alexander is a Structural/Bridge Engineer with UMA Engineering Ltd., a Canadian engineering firm with offices across the country from Montreal, QC, to Victoria, BC. Prior to joining UMA in 2004, he was on the academic staff of the Department of Civil and Environmental Engineering at the University of Alberta, Edmonton, AB, Canada, where

Award Recipient Biographies

he remains an Adjunct Professor.

He joined ACI in 1986 as a student member and serves on Joint ACI-ASCE Committees 421, Design of Reinforced Concrete Slabs, and 445, Shear and Torsion. He is a past member of ACI Committee 363, High-Strength Concrete.

His research interests include the structural application of high-strength concrete and slab-column connections.

Alexander received his BSc, MSc, and PhD in civil engineering from the University of Alberta.

Joseph A. Amon is a Senior Materials Consultant and Branch Manager with Ardaman & Associates, Inc., which has 13 offices in Florida. He has been with Ardaman since 1998 and has been a consulting engineer for over 34 years.

He is Chair of ACI Committee E702, Designing Concrete Structures, and is a member of ACI Committees 120, History of Concrete; 229, Controlled Low-Strength Materials; 437, Strength Evaluation of Existing Concrete Structures; and C610, Field Technician Certification. He has served in various leadership roles for the ACI Suncoast Chapter, and is the Chair of the upcoming ACI Spring 2011 Convention in Tampa, FL. In 1995, he received an ACI Recognition Award for being one of the founders of the Concrete Field Technician Certification program.

He is also a member of the American Society of Civil Engineers (ASCE) and the Florida Engineering Society, and is an advisory committee member of the Florida Chapter of the Associated General Contractors. He sits on numerous local boards, and is Chair of the Citizens Advisory Committee, Hillsborough County, FL, Metropolitan Planning Organization.

Amon received his BS in engineering and a master's degree in civil engineering from the University of Louisville, Louisville, KY.

Neal S. Anderson is a Structural Engineer and Consultant at the headquarters and laboratory of Wiss, Janney, Elstner Associates, Inc. (WJE) in Northbrook, IL.

Since joining WJE in 1986, he has worked on a variety of structural and material evaluations, collapse investigations, several bridge superstructure and deck repair projects, and assignments including structural building frames, building façades and plazas, slabs-on-grade, stadiums, historic steel construction, and parking decks. He was also the Lead Engineer for two-headed stud anchor research projects sponsored by the Precast/Prestressed Concrete Institute (PCI).

An ACI member for over 20 years, he is a member of ACI Committees

Award Recipient Biographies _____

318-E, Shear and Torsion; 355, Anchorage to Concrete; SA03, Chester Paul Siess Award for Excellence in Structural Research; and Joint ACI-ASCE Committee 445, Shear and Torsion. He also serves on the PCI Industry Handbook and Continuing Education Committees. He was recently awarded the Leslie D. Martin Award of Merit for committee participation on and contributions to the *PCI Handbook*, 6th Edition.

Anderson received his BS and MS in civil engineering from Purdue University, West Lafayette, IN. His master's research, under the direction of Dr. Julio Ramirez, involved the study of stirrup detailing in reinforced concrete beams failing in shear. He was awarded a Cameron Scholarship from the Concrete Reinforcing Steel Institute (CRSI) and a Fellowship from ACI for his graduate work. He is a licensed Professional Engineer and a licensed Structural Engineer in several states, including Illinois.

Mark Aschheim is an Associate Professor of Civil Engineering at Santa Clara University, Santa Clara, CA, where he has worked for 4 years. Prior to that, he spent 7 years as an Assistant Professor at the University of Illinois at Urbana-Champaign, Urbana, IL.

He is a member of ACI Committees 318-H, Seismic Provisions; 341, Earthquake-Resistant Concrete Bridges; 374, Performance-Based Seismic Design of Concrete Buildings; and Joint ACI-ASCE Committee 445, Shear and Torsion. He also serves on the Provisions Update Committee of the Building Seismic Safety Council. He received an NSF Career Award in 2000.

His research interests, which include earthquake-resistant structural engineering, have led to the development of methods for performance-based seismic design. Ancillary efforts have focused on methods for optimizing reinforcement in columns and walls and the design and behavior of reduced web section steel beams, solid section bamboo beams, and straw bale walls.

Aschheim received his BS, MEng, and PhD in civil engineering from the University of California-Berkeley, Berkeley, CA.

Richard (Rick) P. Bohan is Director of Construction and Manufacturing Technology for the Portland Cement Association (PCA), where he has been employed since 1994. His responsibilities include oversight of PCA's Construction Technology Center, which provides educational programs and technical products on cement manufacturing and concrete technology to PCA members and for the general public.

Bohan also oversees PCA's Information Services Department, which provides resources through databases and traditional library services and concrete answer-line. Also, as Secretary of PCA's Manufacturing Technology

Award Recipient Biographies

Committee, he oversees PCA's manufacturing-related research, which primarily focuses on energy and the environment.

Previously, Bohan was employed with Vernon Hills, IL-based STS Consultants, Ltd., as a Project Engineer, where he worked on a diverse range of geotechnical- and materials-related projects. He has served as a Captain in the U.S. Marine Corps.

He is a member of ACI Committees E701, Materials for Concrete Construction; E802, Teaching Methods and Educational Materials; and the ACI Convention Committee. He has also served on a number of certification committees. He is a Past Chair of ACI Committee E903, Convention Training, and was a frequent presenter for the Speakers Skills Training presentations and Session Moderator Training programs at ACI conventions.

Bohan received his BS in civil engineering from Illinois Institute of Technology, Chicago, IL, and an MBA from Olivet Nazarene University, Bourbonnais, IL. He is a licensed Professional Engineer in the state of Illinois.

Michael A. Caldarone is a Principal Engineer with CTLGroup, Inc., a consulting firm based in Skokie, IL, specializing in materials technology and structural/architectural engineering. He has been with CTLGroup since 2001 and has over 20 years of expertise in concrete materials engineering, with extensive experience in troubleshooting fresh and hardened concrete and the commercial development, production, and use of high-strength and other high-performance concretes.

He is Chair of ACI Committee 363, High-Strength Concrete, and a member of ACI Committees 201, Durability of Concrete; 211, Proportioning Concrete Mixtures; 213, Lightweight Aggregate and Concrete; and 325, Concrete Pavements. He is a former member of ACI Committee 305, Hot Weather Concreting. He was a co-recipient of the ACI Wason Medal for Materials Research. Caldarone is also a member of ASTM International and the National Ready Mixed Concrete Association (NRMCA).

Caldarone received his BS in engineering from the University of Illinois at Chicago, Chicago, IL.

William (Bill) Ciggelakis is the Chief Materials Engineer and the Principal-In-Charge for Construction Materials Engineering and Testing Services for Professional Service Industries, Inc. (PSI). He maintains an office in San Antonio, TX, and also provides training, peer review, and materials engineering consulting services to the 100+ offices of PSI. He has been employed at PSI for approximately 10 years and has provided materials quality control and materials engineering services for 30 years. He currently serves as

Award Recipient Biographies

the PSI Principal for the audit and certification programs for the National Precast Concrete Association and the Post-Tensioning Institute certification for manufacturers of unbonded steel tendons.

He is Chair of ACI Committee C610, Field Technician Certification, and a member of ACI Committees 228, Nondestructive Testing of Concrete; 543, Concrete Piles; C620, Laboratory Technician Certification; and C630, Construction Inspector Certification. He was a technical reviewer of numerous articles on nondestructive testing techniques that were published in the *ACI Materials Journal*. He is also a member of the American Society of Civil Engineers and a Director of the Texas Council of Engineering Laboratories.

Ciggelakis received his BS in civil engineering from Rutgers University, The College of Engineering, Piscataway, NJ, in 1977.

I-Kuang Fang is a Professor in the Department of Civil Engineering, National Cheng Kung University, Tainan, Taiwan. He has been on the faculty since 1986, teaching and conducting research in the areas of reinforced concrete and prestressed concrete structures. From 1997 to 2000, he served as Department Chairman.

Fang started his professional career as a structural engineer by constructing prestressed concrete bridges in The Central District Office of The National Freeway Construction Bureau. He then worked with China Engineering Consultants, Inc., Taipei, Taiwan, from 1975 to 1980.

An ACI member since 1985, he served as Past Vice President and President of the ACI Taiwan Chapter from 2002 to 2005. He is a member of ACI Committees 237, Self-Consolidating Concrete; 437, Strength Evaluation of Existing Concrete Structures; and Joint ACI-ASCE Committee 445, Shear and Torsion. He served as Chair of the Reinforced Concrete Committee from 1998 to 1999 and the High-Performance Concrete Committee of the Chinese Society of Structural Engineers, Taiwan, from 2004 to 2005. He is a member of the Board of Direction, Chinese Society of Structural Engineers, and the Taiwan Concrete Institute (TCI).

His research interests include material properties and component behavior of high-performance concrete, shear and torsion, fire-resistance of concrete materials and beam-column assemblies, and cable-stayed bridges. He has received several awards including the Annual Research Paper Award from the Chinese Institute of Civil and Hydraulic Engineers in 1973 and 2004 and research awards from the National Science Council, Taiwan, in 1992 and 1994-1995. He was also honored by the Department of Civil Engineering for excellent teaching in 2001.

Fang received his BS and MS in civil engineering from National Cheng

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Kung University in 1971 and 1973, respectively, and his PhD in structural engineering from the University of Texas at Austin, Austin, TX, in 1985. He is a licensed Professional Engineer in Taiwan and Florida.

Edward J. Garboczi is the Leader of the Inorganic Materials Group in the Building and Fire Research Laboratory at the National Institute of Standards and Technology (NIST), Gaithersburg, MD. He has been at NIST, which is part of the Department of Commerce, since 1988, and has been a research physicist for over 20 years.

He is a member of ACI Committees 225, Hydraulic Cements, and 236, Material Science of Concrete.

His research interests and accomplishments have been primarily in the field of modeling the microstructure and properties of concrete using fundamental physics and chemistry (computational materials science of concrete).

Garboczi received his BS, MS, and PhD in theoretical physics from Michigan State University, East Lansing, MI, in 1980, 1983, and 1985, respectively.

Lawrence G. Griffis is a Senior Principal and President of the Structures Division at Walter P Moore and Associates, Austin, TX. He is responsible for directing three operating groups of the division: Structural Engineering, Structural Diagnostics, and Parking.

He has directed or made significant contributions to the structural design of over 75 major buildings throughout the U.S. and internationally. He has combined his 35 years of practical design and management experience with ongoing involvement in numerous technical committees, exploring and documenting specialized structural issues of design, construction, and delivery.

Griffis developed particular expertise in the design of long-span roof structures (stadiums, ballparks, arenas, and convention centers), high-rise buildings, composite steel and concrete systems, and analysis of large buildings under wind and seismic forces. Considered one of the top specialists in wind engineering in the U.S., he has authored and contributed to the development of the American Society of Civil Engineers (ASCE) 7 wind standard used by all U.S. building codes. He has been a pioneer in the design of retractable roof stadiums and ballparks in the U.S., including Reliant Stadium and Minute Maid Park, Houston, TX; Lucas Oil Stadium, Indianapolis, IN; and University of Phoenix Stadium, Glendale, AZ. Griffis has also directed numerous structural investigations of construction-related disputes and deficiencies.

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Projects under his direction have received numerous structural awards, including the Eminent Conceptor Award, emblematic of the top engineering accomplishment in Texas, for eight different projects over the last 14 years. In 1994, his work in the development of composite steel systems was recognized by the American Institute of Steel Construction (AISC) when he was named T.R. Higgins Lecturer—the highest honor given by the steel industry in the U.S. In 2002, Griffis was the recipient of the Civil and Architectural Engineering Outstanding Alumni Award at the University of Texas; he also received the AISC Lifetime Achievement Award, given to individuals who have made an impact on the success of the structural steel industry. An additional honor includes being selected as a finalist for Construction Man of the Year by *ENR* magazine in 1990.

He was recently named to the National Academy of Engineering, the highest praise bestowed to an engineer by peers in the industry. He is one of only a few engineers to serve simultaneously on the code committees for both AISC and ACI, and is an ongoing member of the ASCE 7 Standards Committee.

He is a member of ACI Committees 318, Structural Concrete Building Code; 318-A, General, Concrete, and Construction; and 318-C, Safety, Serviceability, and Analysis, and is also an organizational member in ASCE and the Precast/Prestressed Concrete Institute (PCI).

Griffis received his BS and MS in civil engineering from the University of Texas at Austin, Austin, TX, in 1970 and 1971, respectively. He is a licensed Professional Engineer.

Pawan R. Gupta is Technical Director at the Post-Tensioning Institute (PTI), Phoenix, AZ, where he has worked for 2 years. He has contributed to research in reinforced and prestressed concrete for the past 15 years. His work includes investigating shear behavior of reinforced concrete members subjected to high axial compression.

He is a member of numerous committees including ACI Committees 364, Rehabilitation; 437, Strength Evaluation of Existing Concrete Structures; 440, Fiber Reinforced Polymer Reinforcement; and Joint ACI-ASCE Committee 423, Prestressed Concrete. Gupta organized the Research in Progress session at ACI conventions for ACI Committee 123 from 1999 to 2003. He received the ACI Structural Engineering Award in 1999. He has also been involved in organizing CANMET/ACI international conferences for the past 3 years. He is responsible for developing technical documents and managing technical committees at PTI, and is the Editor of the *PTI Journal*.

Gupta received his PhD from the University of Toronto, Toronto, ON, Canada, in 1998.

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Will Hansen is a Professor in the Department of Civil and Environmental Engineering at the University of Michigan (UM), Ann Arbor, MI, where he has been on the faculty since 1982. He teaches courses in concrete materials, mechanics of materials, and pavement analysis and design.

He is Chair of ACI Committee 231, Properties of Concrete at Early Ages, and is a member of ACI Committees 209, Creep and Shrinkage in Concrete, and 224, Cracking. He has been affiliated with the Center for Advanced Cement-Based Materials (ACBM) since 1989, and is currently the Director for the MDOT-sponsored Center of Excellence at the UM on Concrete Pavement Performance.

His research interests include curling/warping effects on pavement performance, creep and shrinkage of concrete, and kinetic-based modeling of property development in concrete containing supplementary cementitious materials.

Hansen received a master's degree in civil engineering from Denmark Technical University, Lyngby, Denmark, and his PhD in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL.

Carolyn M. Hansson is a Professor of Materials Engineering at the University of Waterloo, Waterloo, ON, Canada. She has joint appointments in the Department of Mechanical and Mechatronics Engineering and the Department of Civil and Environmental Engineering. She has been at the university since 1996, where she teaches and conducts research in materials engineering and corrosion, and is an Associate Director of the Centre for Pavement and Transportation Technology.

She has lived and worked in the UK, the U.S., Denmark, and Canada and has been employed in industry, academia, and consulting for the past 25 years.

She is a member of ACI Committees 222, Corrosion of Metals in Concrete, and 365, Service Life Prediction.

Her research interests include durability of reinforced concrete, with particular emphasis on reinforcing bar corrosion.

Hansson received her BSc and PhD in metallurgical engineering from Imperial College, London University, London, UK, in 1962 and 1966, respectively.

Kent A. Harries is an Assistant Professor of Structural Engineering and Mechanics at the University of Pittsburgh, Pittsburgh, PA, where he has been employed since 2004. Prior to that, he held positions at the University of South Carolina, Columbia, SC, and at the Advanced Technology for Large Structural Systems (ATLSS) Center at Lehigh University, Bethlehem, PA.

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He is Chair of the ACI Committee 440 task group on Bond of Externally Bonded Fiber-Reinforced Polymer; a Co-Chair of ACI Committee 440-D, Research; and a member of ACI Committees 215, Fatigue of Concrete; 335, Composite and Hybrid Structures; 439, Steel Reinforcement; and 440, Fiber Reinforced Polymer Reinforcement. He is also a member of many U.S., Canadian, and international organizations and a member of numerous international committees. He has served as an Associate Editor of the ASCE *Journal of Bridge Engineering* since 2002, and has served on the Board of the International Bridge Conference since 2005.

Harries received his doctorate from McGill University, Montreal, QC, Canada, in 1995.

Cecil L. Jones is the State Materials Engineer, North Carolina Department of Transportation. During his 33+ years with the department, he has been a field construction engineer, worked in the central construction unit with contract administration duties, and has been responsible for various assignments in the materials area. His current responsibilities include the overall management of the materials quality system and the management of both laboratory and field quality assurance operations for materials and manufactured products used in North Carolina's 78,500 miles (126,000 km) of state-maintained highway system.

He is Chair of the ACI Educational Activities Committee and ACI Committees C601, New Certification Programs, and 308, Curing Concrete. He is a member of the ACI Certification Programs Committee; the ACI Convention Committee; and ACI Committees C610, Field Technician Certification, and C630-T, Concrete Transportation Construction Inspector Certification. He is a Past Chair of ACI Committee E905, Training Programs. He is Vice President of Programs of the ACI Carolinas Chapter and was on the Executive Committee for the ACI Spring 2006 Convention held in Charlotte, NC. He is a Regional Vice Chair of the American Association of State Highway and Transportation Officials Subcommittee on Materials, and is a member and Chair of several committees and task forces of the Transportation Research Board and ASTM International.

His research interests include QC/QA program development, training and certification program development, use of recycled materials, and new technology implementation.

Jones received a BS in civil engineering from North Carolina State University, Raleigh, NC, in 1973. He is a licensed Professional Engineer in North Carolina.

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Keith Kesner is a Senior Engineer in charge of WDP & Associates' South Norwalk, CT, office. A Structural Engineer with over 14 years of experience in the evaluation and rehabilitation of structures, he was previously a member of the Building Investigation and Repair Division, Thornton Tomasetti Group, New York, NY. He also worked at Cornell University, Ithaca, NY, as an Instructor/Post-Doctoral Researcher in the Civil Engineering Department. At Cornell, he taught courses in structural design and civil engineering materials. In addition to teaching, he was responsible for the design, construction, and proof testing of the reaction wall portion of the Cornell University NEES facility for lifeline research. He is the author of numerous publications in the areas of nondestructive testing, evaluation of concrete structures, and engineering materials.

He is Past Chair of the task group on revisions of ACI 228.1R-03; is Secretary of ACI Committee 562, Evaluation, Repair, and Rehabilitation of Concrete Buildings, and is a member of ACI Committees 228, Nondestructive Testing of Concrete, and 364, Rehabilitation. Kesner received the ACI Construction Practice Award and the ACI Young Member Award for Professional Achievement in 1998 and 2005, respectively. He is also a member of the American Society of Civil Engineers and the International Concrete Repair Institute, which recognized two projects he worked on as Projects of the Year.

He received his BS from the University of Connecticut, Storrs, CT, in 1992, and his MS and PhD from Cornell University in 1998 and 2003, respectively. He is a licensed Professional Engineer in several states.

Sashi K. Kunnath is Professor of Structural Engineering, Civil and Environmental Engineering Department, University of California at Davis (UCD), Davis, CA. Prior to joining UCD in 2001, he served on the faculty at the University of Central Florida (UCF), Orlando, FL, as Assistant Professor from 1991 to 1996 and as Associate Professor from 1996 to 2001. During 1997 to 1998, he was Visiting Research Engineer at the National Institute of Standards and Technology, Gaithersburg, MD, while on sabbatical from UCF, and was recently Visiting Professor at "La Sapienza" (University of Rome, Italy) while on sabbatical from UCD.

He is a member of ACI Committees 335, Composite and Hybrid Structures; 374, Performance-Based Seismic Design of Concrete Buildings; and 375, Performance-Based Design of Concrete Buildings for Wind Loads. He is a past member of Joint ACI-ASCE Committee 442, Response of Concrete Buildings to Lateral Forces (discharged), and is Co-Editor of ACI's SP-238, *International Symposium on Confined Concrete*. In 2001, he received the ACI Structural Research Award for his

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co-authored paper on cumulative seismic damage of circular bridge columns. Kunnath is also a member of the American Society of Civil Engineers (ASCE), and is the Editor of the ASCE *Journal of Structural Engineering*.

His research interests include performance-based seismic engineering, modeling and computational methods in support of nonlinear static and transient analysis of reinforced concrete (RC) structures, damage mechanics and low-cycle fatigue behavior of RC members, and experimental methods in support of model-based simulation. He has published widely on these topics, organized and chaired numerous technical sessions at major conferences, and delivered invited lectures at several international meetings and workshops.

Kunnath received his bachelor's degree from Bangalore University, India, in 1980; his master's degree from the Asian Institute of Technology, Bangkok, Thailand, in 1982; and his PhD from the University at Buffalo, Buffalo, NY, in 1989.

Richard A. Lawrie is the President and Founder of Lawrie & Associates, LLC (L&A), Alexandria, VA, where he has worked for the past 7 years. His 50-year career has focused on the advancement of, and innovation in, concrete bridge design and construction. He has had overall responsibility for the design of over 300 bridges, many of which were recipients of awards. He previously spent 18 years with T.Y. Lin International and 25 years with the Federal Highway Administration (FHWA), where he was a Director of FHWA's Western Bridge Division.

He is a member of the American Society of Civil Engineers (ASCE), the Precast/Prestressed Concrete Institute (PCI), and the International Association for Bridge and Structural Engineering (IABSE). He is a past member of ACI Committee 342, Evaluation of Concrete Bridges and Bridge Elements; Joint ACI-ASCE Committees 343, Concrete Bridge Design, and 441, Reinforced Concrete Columns; and the ACI Awards Committee. Lawrie has authored numerous papers on bridge topics and he co-authored a textbook, *Design of Modern Concrete Highway Bridges*, with Conrad P. Heins, PE.

He received his BS in civil engineering from the University of Maryland, College Park, MD, in 1956. He is a licensed Professional Engineer in over 20 states.

Andres Lepage is an Assistant Professor of Architectural Engineering at the Pennsylvania State University, University Park, PA, where he teaches structural engineering courses. Prior to joining the university in 2006, he

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worked as an Associate at KPFF Consulting Engineers in Seattle, WA, for 8 years. He has more than 15 years of experience in the analysis of parking, office, commercial, and residential projects worldwide. He was the lead Structural Engineer for the seismic analysis and design of numerous significant projects.

An ACI member for more than 20 years, Lepage is a member of ACI Committees 318-H, Seismic Provisions; 335, Composite and Hybrid Structures; 369, Seismic Repair and Rehabilitation; 374, Performance-Based Seismic Design of Concrete Buildings; and 375, Performance-Based Design of Concrete Buildings for Wind Loads. He also served on ACI Innovation Task Group 4, High-Strength Concrete for Seismic Applications.

His research interests include the design of concrete, steel, and hybrid structural systems subjected to extreme events.

Lepage received his master's degree in civil engineering in 1991 from Universidad Simon Bolivar, Caracas, Venezuela, and his PhD in structural engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1997.

William J. Lyons III is the Manager, Engineered Sales, for Eastern Concrete Materials, Inc., Elmwood Park, NJ, a U.S. Concrete Company. He was formerly Director of Engineering Sales for Separation Technologies, LLC, a Titan America Company, for 5 years and an Engineering Representative for Grace Construction Products for 15 years.

He is a member of the ACI Chapter Activities Committee; the ACI Convention Committee; and ACI Committees 232, Fly Ash and Natural Pozzolans in Concrete, and 306, Cold Weather Concreting. He is a past member of ACI Committee 305, Hot Weather Concreting. Lyons is a Past President of the ACI New Jersey Chapter and a Past Vice President and Board member of the ACI Eastern Pennsylvania and Delaware Chapter. In 2005, he served as Co-Chair of the ACI Spring 2005 Convention in New York City. He is currently the President of the Concrete Industry Board of New York.

Lyons received his BBA degree in marketing from Iona College, New Rochelle, NY, in 1981.

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

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of Austin, TX. He has also authored or co-authored over 100 technical papers and reports.

He is Chair of ACI Committee E801, Student Activities, and is Co-Chair of ACI Subcommittee 440-L, Durability of Fiber Reinforced Polymer Concrete Structures. He also serves as Secretary of ACI Committees E803, Faculty Network Coordinating Committee, and 363, High-Strength Concrete, and is a member of ACI Committees E801, Student Activities; E802, Teaching Methods and Educational Materials; E803, Faculty Network Coordinating Committee; E804, Educational Awards Nomination; 201, Durability of Concrete; 342, Evaluation of Concrete Bridges and Bridge Elements; 363, High-Strength Concrete; and 440, Fiber Reinforced Polymer Reinforcement. He received the ACI Walter P. Moore Jr. Faculty Achievement Award in 2006. He is also a member of the American Society of Civil Engineers (ASCE), the Precast/Prestressed Concrete Institute (PCI), The Masonry Society (TMS), and the Transportation Research Board (TRB).

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

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

Satish K. Sachdev, former President and CEO of Klein and Hoffman, Inc., retired in January of 2006 and is currently serving as a Senior Consultant for the firm. Klein and Hoffman, Inc., is a consulting structural engineering firm headquartered in Chicago, IL, with branch offices in Detroit, Philadelphia, New York, and South Florida.

Sachdev began his structural engineering career in 1961 at Dam Design Organization in New Delhi, India, where he worked on the design of concrete and earthen dams for hydroelectric power generation projects. He joined the Frank Klein Company in 1969 as a structural project engineer for the design of wastewater engineering projects in Westchester County, New York, and the City of Chicago. In 1976, when the name of the company was changed to Klein and Hoffman, Inc., he was working as a Project Manager for various structural engineering projects for telecommunication and educational facilities.

In 1979, Sachdev was promoted to Vice President, responsible for the firm's wastewater projects in Illinois, Indiana, Wisconsin, Michigan, and

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Florida. He was promoted to Principal, Executive Vice President in 1980 and his added responsibilities included serving as Project Sponsor for wastewater projects and the financial operations of the firm. In 1999, Sachdev was promoted to President and CEO, responsible for the firm's administration, technical oversight of projects, and the financial operations of the firm.

An ACI member for more than 25 years, he is Chair of ACI Committee 350, Environmental Engineering Concrete Structures, and is a member of several ACI 350 subcommittees and ACI Committee 336, Footings, Mats, and Drilled Piers. He is also a member of ASCE and his local ACI chapter.

Sachdev received his BSc in civil engineering from Panjab University at Patiala, India, and his MSc in civil structural from the University of Wisconsin at Madison, Madison, WI. He is a licensed Professional/Structural Engineer in nine states. In 2004, he was a finalist for the "Best Bosses" award by Fortune Small Business and Winning Work Places magazines.

Andrew W. Taylor is a Structural Engineer and Associate with the Seattle office of KPFF Consulting Engineers. He has been with KPFF for 10 years. Previously, he was Research Structural Engineer for 7 years with the Earthquake Engineering Group of the Building and Fire Research Laboratory at the National Institute of Standards and Technology in Gaithersburg, MD.

He is Secretary of ACI Committee 374, Performance-Based Seismic Design of Concrete Buildings, an associate member of ACI Committees 341, Earthquake-Resistant Concrete Bridges, and a member of Innovation Task Group 4, High-Strength Concrete for Seismic Applications. He is a past member of ACI Committee 368, Earthquake Resisting Concrete Structural Elements and Systems (discharged), and Joint ACI-ASCE Committee 343, Concrete Bridge Design.

He is also a member of the American Society of Civil Engineers and the Earthquake Engineering Research Institute. In 2001, he received the ACI Structural Research Award for co-authoring the paper "Cumulative Seismic Damage of Circular Bridge Columns: Variable Amplitude Tests."

Taylor received his BSCE and MSCE in structural engineering from the University of Washington, Seattle, WA, and his PhD in structural engineering from the University of Texas at Austin, Austin, TX.

ARTHUR R. ANDERSON AWARD

Richard C. Prusinski is semi-retired as Principal at Polymer Concrete Consultants, which he founded in 1979 to promote the practical commercial use of polymer concrete. During the past 50 years, he has invented,

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patented, developed, and internationally marketed commercially viable architectural, building, road, safety, and energy products.

In 1958, he developed the first viable polymer concrete products and founded the Architectural Research Corp. (ARC), where he spent 23 years in the areas of research, development, administration, and marketing. From 1962 to 1979, he was awarded 16 patents on polymer concrete products. He is "on-call" as a national member of the Federal Emergency Management Agency (FEMA).

He is a member of ACI Committee 548, Polymers in Concrete. He also served as Symposium Chair for ACI Committee 548 at the ACI Spring 2001 Convention in Philadelphia, PA, and has published many papers that have been presented at conventions. In 2003, he was Co-Editor of ACI SP-214, *Polymers in Concrete: The First Thirty Years*.

He has received several awards and honors, including the Merit of Excellence and Tribute Award, bestowed by the American Polish Engineering Association, in 1998, and the 1958 appointment as Deputy Director by President Dwight D. Eisenhower to represent and build the U.S. Pavilion for the International Trade Fair in Poznan, Poland.

In 1943, he studied at St. Mary's College, Orchard Lake, MI, and went on to the University of Detroit, Detroit, MI, where he received a BS in biology/chemistry in 1950.

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

Terry J. Fricks, FACI, is Founder of The Fricks Companies, Fort Worth, TX. He has over 40 years of experience in the construction industry.

He is a member of ACI Committees 223, Shrinkage-Compensating Concrete; 302, Construction of Concrete Floors; and 360, Design of Slabs on Ground. He received the ACI Wason Medal for Most Meritorious Paper in 1994. He has promoted excellence in concrete floor slab construction through numerous publications and educational seminars for ACI and other professional organizations and through field practice in his daily work.

JOE W. KELLY AWARD

Throughout the past 30 years, the **World of Concrete Seminar Program** has become the most respected seminar program in the industry by continuing to offer an excellent technical program for the entire commercial concrete construction industry. The program was founded at World of Concrete's first show in Houston, TX, in 1975, and comprised three seminars and 452 attendees. Today, the program offers more than 140 seminars on topics from Concrete Basics and Decorative Concrete to Repair and

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Housing to Floors/Slabs and Concrete Production. The program will attract over 10,000 registrants who will attend over 25,000 sessions. Many registrants will earn Master Certificates for attending four 3-hour seminars in a designated educational track.

The program also offers association certifications such as the ACI Concrete Flatwork Finisher Certification, the ACI/Tilt-Up Concrete Association (TCA) Tilt-Up Supervisor Certification, and the American Concrete Pumping Association (ACPA) Concrete Pump Operator Certification.

HENRY L. KENNEDY AWARD

Khaled W. Awad, FACI, is Principal of Advanced Construction Technology Services (ACTS), a materials testing and consulting firm with offices in Beirut, Lebanon, and Doha, Qatar, and the Principal of BuildAct, a software development and consulting firm in Dubai, United Arab Emirates (UAE). He is also the Director of Property Development at Masdar, the advanced energy initiative of the Abu Dhabi government, driven by Abu Dhabi Future Energy Company (ADFEC) based in Abu Dhabi, UAE. He is responsible for the development of the first zero-carbon-emission zone in the world. He has been working in the concrete industry in various countries in the Middle East for over 21 years.

He is a member of the ACI International Committee and its subcommittee on International Certification; the ACI Marketing Committee; and ACI Committee C630, Construction Inspector Certification.

He received his BE in civil engineering from the American University in Beirut, Lebanon, and his MS in business administration from the Lebanese University in Beirut, Lebanon.

ALFRED E. LINDAU AWARD

Bernardo Deschappelles is a Structural Engineer and partner of Molina, García and Associates, a consulting firm in San Juan, Puerto Rico, where he has worked since 1960. He has over 50 years of professional practice, having worked in the 1950s as Junior Engineer in the design of the prestressed concrete tunnel under Havana Bay, Cuba. He has also been a Professor at the Polytechnic University of Puerto Rico since 1980. He was appointed Vice Chairman of the Topical Group Committee Elastic Analysis (21c) organized by the Council on Tall Buildings and Urban Habitat.

He is Chairman of the Puerto Rico Seismic Committee, and was part of the team that investigated seismic damage in North-, Central-, and South-American earthquakes, with special emphasis on shearwalls. In 1979, at the request of the Department of Public Works and Communications of the

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Dominican Republic, he contributed comments and suggestions to the final version of the seismic code for that country, and foreign engineering firms have retained his services as a seismic consultant for special projects.

He is a Fellow, and Life Member since 1994, of the American Society of Civil Engineers. In August 2000, he was invested in Panama as Academician of the newly created Panamerican Engineering Academy.

Deschappelles received his BS in chemical engineering and his BS in civil engineering from the University of Havana, Cuba, in 1952 and 1954, respectively; his MS in engineering from California Western University, Santa Ana, CA, in 1981; and his PhD in engineering from California Coast University, Santa Ana, CA, in 1983.

HENRY C. TURNER MEDAL

Enrique Pasquel, FACI, is Research and Development Manager of Unión de Concreteras S.A. (UNICON), Lima, Peru. Prior to joining UNICON in 1997, he served for 16 years in the construction industry as a technical services engineer in the field of concrete technology with Impresit del Pacífico, part of the Italian construction group IMPREGILO. He is also a Professor of Concrete Technology, Pontificia Universidad Católica del Peru (PUCP) and the Universidad Peruana de Ciencias Aplicadas, both in Lima. Previously, he was a researcher and manager of the Seismic Structures and Testing Materials Laboratories in the Engineering Department of the PUCP. He has been involved in major concrete projects in Peru as a private consultant for the past 25 years.

He was President of the ACI Peru Chapter from 2001 to 2005, has developed numerous student chapters in his country, and has chaired five international ACI-Peru conferences. He is a liaison member of ACI Committee 318, Structural Concrete Building Code, and a member of ACI Committee 318-L, International Liaison. He has written one book on concrete technology basics and published several papers on concrete topics. He frequently lectures at conferences all over Peru and Latin America on concrete technology. In 2004, he received the Outstanding Graduate Award of the Graduate Association of PUCP.

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

CHARLES S. WHITNEY MEDAL

The **California Department of Transportation** (Caltrans) is responsible for the design, construction, and maintenance of highways, bridges, and

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associated transportation-related facilities in California. With over 20,000 employees, it is one of the largest employers in the country. There are presently over 12,000 state bridges and over 12,000 local agency bridges in California. The net worth of the state-owned bridges is estimated at over \$60 billion.

Caltrans pioneered the design and construction of concrete box girder bridges and was the first to design and build a post-tensioned concrete box girder bridge. The first cast-in-place segmental concrete bridge in the country—The Pine Valley Bridge—was designed and built by Caltrans engineers in 1975. Caltrans is presently constructing two signature bridges: The Benicia Martinez bridge, a cast-in-place lightweight concrete bridge with over 600 ft (183 m) span lengths; and The San Francisco-Oakland Bay bridge, a precast segmental bridge with over 600 ft (183 m) span lengths.

Caltrans is recognized worldwide as a leader in the seismic engineering of bridges. The Caltrans Seismic Design Criteria (SDC), which was first developed in the mid-1990s, is now being used as a starting point by AASHTO to develop seismic design guidelines. SDC is also used by several states and by several other countries. To ensure compliance with the latest research findings and current standards, Caltrans embarked on a massive bridge retrofit program that started in 1980, and has now completed seismic retrofit of over 2000 bridges at a cost of about \$4 billion (not counting the East Bay replacement project).

Caltrans also pioneered the development of the Bridge Management Practice. It developed the bridge "Element Level Inspection" procedure and made California the lead state in the development of PONTIS, a bridge management tool that is now used in numerous states and Europe. In addition, Caltrans has developed a protocol to manage post-earthquake reconnaissance/inspection of bridges based on earthquake-intensity shake maps and using Internet technology. This protocol helps plan and manage bridge inspection almost immediately after an earthquake.

CEDRIC WILLSON AWARD

John P. Ries, FACI, is President of the Expanded Shale, Clay and Slate Institute and has been in the design and construction industry for 40 years, focusing on the lightweight aggregate industry for the past 20 years.

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

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He also interfaces with several other ACI committees dealing with light-weight aggregate and lightweight concrete issues.

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

ACI CERTIFICATION AWARDS

Ismael Aviles is President of Tecnoconcrete Inc., Morovis, PR, a company dedicated to the concrete and admixture industries. He is also President of Technical Sales and Services, a company devoted to the concrete equipment industry. He has been the Sales Representative in Puerto Rico for W.R. Grace for the last 22 years. As a civil engineer, he serves as a consultant in all aspects of concrete technology.

Since 1986, he has worked with ACI by participating in certification seminars and by giving seminars at universities and government agencies in Puerto Rico. He was President of the Technical Committee of the Puerto Rico Ready Mix Concrete Association for over 12 years.

Aviles received his BS in civil engineering from the University of Puerto Rico-Mayaguez, Mayaguez, PR.

Thomas O. Malerk, FACI, is Director of the Materials and Research Park, Florida Department of Transportation (FDOT), Gainesville, FL, where he has worked in the field of materials testing for over 36 years. As Director, his major accomplishments include an expansion of the state's research program into new ventures, including performance-related concrete testing; the completion of a new State Materials Research Park; and acknowledgment of the first state laboratory under ISO/IEC 17025 accreditation.

He is completing a 3-year term on the ACI Board of Direction. He is Chair of ACI Committee E905, Training Programs; is a member and Past Chair of the ACI Certification Programs Committee (CPC); and is a member of the ACI Strategic Development Council (SDC); the ACI Educational Activities Committee (EAC); the ACI Responsibility in Concrete Construction Committee; the ACI Marketing Committee; and the ACI Hot Topic Committee. He is also a member of ACI Committees 301-A, General Requirements; C610, Field Technician Certification; C620, Laboratory Technician Certification; C630, Construction Inspector Certification; and C631, Concrete Transportation Construction Inspector Certification.

Malerk received his master's degree in geotechnical engineering from the University of Florida, Gainesville, FL.

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Ronald E. Vaughn, FACI, is the Northeast Region Technical Services Manager with Grace Construction Products, W.R. Grace & Co., Cambridge, MA, where he has been employed for 6 years.

He is a member of the ACI Membership Committee and ACI Committees 211, Proportioning Concrete Mixtures; 211-H, Proportioning—Self Consolidating; 237, Self-Consolidating Concrete; C610, Field Technician Certification; C630, Construction Inspector Certification; and C631, Concrete Transportation Construction Inspector Certification. Since 1974, he has been the Secretary-Treasurer of the ACI Eastern New York Chapter, where he also served as a Program Chair, an Awards Chair, and a Certification Committee member. An annual chapter student scholarship has been awarded in his name since 1991.

He has been a member of the Hudson Valley Community College Advisory Boards for the Civil Technology and Construction Technology programs since 1982. In April 2006, he was honored with a Distinguished Service Award from the President of the Hudson Valley Community College for his support and outstanding service to the college.

Vaughn received his degree in building construction from the University of Florida, Gainesville, FL.

ACI DISTINGUISHED ACHIEVEMENT AWARD

Uzun & Case Engineers, LCC has grown from its inception in 1992 to one of the largest structural engineering firms in Atlanta, GA, with a staff that includes 55 engineers, 30 of whom are licensed. With extensive years of building design experience, the Principals, Tamer Uzun, Jim Case, Martin Cuadra, Larry McDowell, and George Briglevich, are committed to producing imaginative; technically accurate; and buildable, economical designs. Uzun & Case has an extensive portfolio of high-rise, office parking, hotel, residential, public use, and retail buildings.

Some notable projects include the Georgia Aquarium; renovation of the Woodruff High Museum of Art; Atlantic Station District; Gaylord Palms and Gaylord Texan Resorts; Progress Energy Headquarters in Raleigh, NC, and St. Petersburg, FL; Concourse 5 & 6 Office Buildings; the UPS Headquarters; Federal Express Headquarters; Four Seasons Grand and Intercontinental Hotels in Atlanta; 1000 Park Avenue; and CDC Building 20.

Uzun & Case has received many ACI Georgia Chapter awards, including First Place for the Georgia Aquarium and 1825 Century Center; Outstanding Achievement for Atlantic Station, Woodruff Arts Center Architectural Walls, Omni Hotel at CNN Center, and Veterans Administration Parking Deck; and Award of Excellence for 30 Allen Plaza, Georgia Highlands College—Bartow Center, and Parkway 400 Office Building.

*Award Recipient Biographies*_____

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

Lawrence H. Taber is a Structural Engineer with Black & Veatch Corp. in the Water Sector, headquartered in Kansas City, MO, with over 90 offices in the U.S. and worldwide. He has been with Black & Veatch since 2001, designing numerous concrete, masonry, and steel structures and buildings, primarily for construction in the U.S. He is also involved in seismic studies, construction phase services, and structural inspections.

His involvement with ACI began in 1998 when, as a student, he participated in the Concrete Cube, FRP Beam, and Egg Protection Device Student Competitions. He is Secretary of ACI Committee E801, Student Activities, and is a member of ACI Committees E702, Designing Concrete Structures; 120, History of Concrete; and 308, Curing Concrete. He served as Co-Chair of the ACI Fall 2005 Convention in Kansas City, and is Co-Chair of the Student Activities Subcommittee for the ACI Fall 2008 Convention in St. Louis, MO.

He is the 2007 President of the ACI Missouri Chapter and has served for the past 4 years on the chapter's Board of Directors and as Vice President. He is also involved in planning and hosting local seminars and other activities. He was voted the ACI Missouri Chapter Concrete Person of the Year for 2007.

Taber received his BS and MS in civil engineering from the University of Missouri-Rolla, Rolla, MO. He is a licensed Professional Engineer.

Jason Weiss is an Associate Professor and Assistant Head of the School of Civil Engineering, Purdue University, West Lafayette, IN. He is also the Associate Director of the Center for Advanced Cement-Based Materials.

He is Chair of ACI Committee 123, Research and Current Developments, and is a member of ACI Committees 209, Creep and Shrinkage in Concrete; 231, Properties of Concrete at Early Ages; 365, Service Life Prediction; 446, Fracture Mechanics; and 522, Pervious Concrete.

He received the ACI Walter P. Moore, Jr. Faculty Achievement Award in 2004.

Weiss received his BAE from The Pennsylvania State University, State College, PA, and his MS and PhD in civil engineering from Northwestern University, Evanston IL.

WASON MEDAL FOR MOST MERITORIOUS PAPER

Matthew Offenberg has worked for over 10 years as a Civil Engineer in the concrete industry. He is an internationally recognized expert in the field of pervious concrete.

Award Recipient Biographies

He is Chair of ACI Committee 522, Pervious Concrete, and is Secretary of ACI Committee 330, Concrete Parking Lots and Site Paving. He created and led the committee on pervious concrete craftsman certification, and was Project Engineer for the largest pervious concrete research project in the U.S. at the time. He has lectured throughout the U.S. about pervious concrete and has published articles about this sustainable technology.

Offenberg received his bachelor's and master's degrees from Purdue University, West Lafayette, IN, in 1995 and 1996, respectively. He is a licensed Professional Engineer in the states of Florida and Arizona.

ACI CONSTRUCTION AWARD

Roger Woodhead is President of Woodhead Consultants Inc., North Vancouver, BC, Canada, a company he founded in 1995 that provides project and technical management engineering and construction services. He is also Technical Director for SNC Lavalin Inc., the engineering-procurement-construction contractor for the Canada Line Rapid Transit Project in Vancouver, where he is responsible for overseeing all engineering on the \$1.9 billion Public Private Partnership. He has worked for consulting engineering and construction companies for over 30 years.

Previously, Woodhead held senior management positions on several major projects, including Design Manager and Project Director for a \$50 million cut-and-cover tunnel in Kuala Lumpur, Malaysia; Project Construction Engineer for three sinking caissons and several sheet piled excavations for conveyor tunnels at Vancouver Wharves; Quality Systems Manager on the \$1.2 billion Millennium Line Rapid Transit Project; and Site Development Engineering Manager and Technical Services Manager for the design/build contractor on the \$1.5 billion Hibernia Gravity Base Structure (GBS) in Newfoundland.

He has been a member of ACI since 1968.

Woodhead received his BEng from the University of Sheffield, England, in 1967, and his MSc and PhD from the University of Calgary, Calgary, AB, Canada, in 1969 and 1973, respectively. He is a licensed Professional Engineer in British Columbia, a licensed Structural Engineer in Washington, and an internationally registered Lead Quality Auditor.

Kevin Main started his construction career as a Carpenter and rose through the ranks to be a Foreman and then a Superintendent. He worked for contractor Walter Construction, Calgary, AB, Canada, in their Richmond, BC, Canada, office for many years as a Superintendent. He was also Superintendent on the first segmental concrete bridge built in

Award Recipient Biographies _____

British Columbia using the balanced cantilever method. He has worked on complex concrete construction projects including bridge and tunnel construction, airports, and a concert hall.

He currently resides in the Bahamas where he serves as a Project Manager for a developer in Nassau.

WASON MEDAL FOR MATERIALS RESEARCH

Dale P. Bentz is a Chemical Engineer, Materials and Construction Research Division, National Institute of Standards and Technology (NIST), Gaithersburg, MD, where he has been employed for 22 years.

He is a member of ACI Committees 231, Properties of Concrete at Early Ages; 236, Material Science of Concrete; and 308, Curing Concrete.

His research interests include internal curing of concrete and thermo-physical properties of fire-resistive materials.

He received a BS in chemical engineering from the University of Maryland, College Park, MD, in 1984, and an MS in computer and information science from Hood College, Frederick, MD, in 1991.

Pietro Lura is employed at the European Patent Office in Munich, Germany. He has been an Assistant Professor at the Technical University of Denmark, Lyngby, Denmark, and Visiting Researcher at the National Institute of Standards and Technology, Gaithersburg, MD, and at Purdue University, West Lafayette, IN.

His research interests include early-age concrete, in particular autogenous strain and internal curing.

He received his MS from University of Brescia, Brescia, Italy, in 1998, and his PhD from Delft University of Technology, Delft, The Netherlands, in 2003.

John W. Roberts is Chairman of Northeast Solite Corp., Richmond, VA, and has been involved in various aspects of the construction industry for 70 years. He built a lightweight aggregate company into an integrated enterprise whose products and services include sand, gravel, crushed stone, masonry units, ready mixed concrete, disposal of hazardous waste, machinery, construction, and transportation, as well as expanded shale lightweight aggregate.

He is a member of ACI Committee 224, Cracking; 308, Curing Concrete; and 325, Concrete Pavements. He received the ACI Cedric Willson Award in addition to the Outstanding Industrialist of Virginia and the George Heaton Award, and the McCabe Engineering Award. He served on the

Award Recipient Biographies

Board of Managers, and was an advisor to the Engineering Department at Swarthmore College, Swarthmore, PA. He served as Secretary to the Board of Collegiate School, as a Member of the Board of Visitors of Virginia Military Institute and Chairman of its Academic Committee, and as a member of the Advisory Board of the William & Mary Graduate School of Business.

His research interests include internal curing of concrete. Since 2002, he has presented a number of papers at technical gatherings on the benefits and applications of the use of a small quantity of lightweight aggregate sand in a normalweight concrete mixture.

Roberts received his BS from Swarthmore College.

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

Kenneth J. Elwood is an Assistant Professor at the University of British Columbia, Vancouver, BC, Canada, where he has served on the faculty since 2003. He is actively involved in research related to the seismic response of existing structures.

He is Secretary of Joint ACI-ASCE Committee 441, Reinforced Concrete Columns, and is a member of ACI Committees 369, Seismic Repair and Rehabilitation, and 374, Performance-Based Seismic Design of Concrete Buildings.

Elwood received his BAsC from the University of British Columbia in 1993; his MS from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1995; and his PhD in civil engineering from the University of California-Berkeley, Berkeley, CA, in 2002.

Jack P. Moehle, FACI, is a Professor of Civil Engineering and Director of the Pacific Earthquake Engineering Research Center, University of California-Berkeley, Berkeley, CA, where he has been on the faculty since 1980.

He is Chair of ACI Committee 318-H, Seismic Provisions; is a member of ACI Committees 318, Structural Concrete Building Code, and 369, Seismic Repair and Rehabilitation, and Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures; and is a past member of the ACI Technical Activities Committee (TAC). He received the ACI Delmar L. Bloem Distinguished Service Award in 2001 and the Alfred E. Lindau Award in 1998.

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

ACI DESIGN AWARD

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

An ACI member since 1984, he is an associate member of ACI Committee 440, Fiber Reinforced Polymer Reinforcement. In 1998, he was selected Engineer of the Year, Naval Facilities Engineering Service Center, for his work on airfield pavements. In 1999, he was selected Engineer of the Year, Naval Facilities Engineering Command, Washington, DC, and was selected as one of the top 10 Federal Engineers by the National Society of Professional Engineers.

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

DELMAR L. BLOEM AWARD FOR DISTINGUISHED SERVICE

Joseph A. Daczko is a Product Line Manager with BASF Admixtures, Inc., Cleveland, OH. He has 15 years of experience in the development and application of concrete construction materials, encompassing areas in most of the cement and concrete industries. At BASF Admixtures, Inc., he has managed many investigations, including key projects dealing with concrete exposed to acidic environments; the rheology and workability of fresh concrete; self-consolidating concrete (SCC); and rapid-developing, high-strength concrete. He holds two patents covering two areas of high-early-strength concrete compositions. He has authored many technical papers on rheology and SCC and has given numerous technical presentations.

He is Chair of ACI Committee 237, Self-Consolidating Concrete, and is a member of ACI Committee 238, Workability of Fresh Concrete.

Daczko received a BA from John Carroll University, Cleveland, OH, in 1991.

Award Recipient Biographies

Jonathan E. Dongell is Research Director at the General Cement and Concrete Technologies and Senior Lab Technician/Consultant, Pebbletec Industries, both located in Scottsdale, AZ. He has worked in concrete construction and cementitious materials for over 28 years, serving as President for Universal White Cement Co., Inc., Glendale, AZ, from 1987 to 1992, and for the Whitestone Cement Co. in Scottsdale, AZ, from 1998 to 2005.

He is Chair of ACI Committee 524, Plastering, and is a member of ACI Committees 116, Terminology and Notation; 201, Durability of Concrete; 225, Hydraulic Cements; 232, Fly Ash and Natural Pozzolans in Concrete; 308, Curing Concrete; and 555, Concrete with Recycled Materials; and serves as a reviewer for articles published in the ACI Journals and *Concrete International*.

He has been a speaker at various institutions and written many papers and books on the durability of cementitious materials, including "The Durability of Cementitious Materials in a Water Contact Environment." He holds several patents that deal with cementitious materials using tertiary and quaternary blends of pozzolans and polymers, and has conducted failure analysis and served as a mediator on many cementitious materials-related court cases.

Dongell is a licensed residential and commercial contractor in the states of Arizona and Utah, and is working toward a degree in mechanical engineering.

Jay H. Paul, FACI, is the Chief Executive Officer, Klein and Hoffman, Inc., and is Principal-in-Charge of the firm's Restoration Engineering Group. He has more than 37 years of experience in the evaluation, design, and repair of structures and building façades.

He is a member and Past Chair of ACI Committee 546, Repair of Concrete, and is a member of the ACI Technical Activities Committee, Repair and Rehabilitation Committee, and ACI Committees 364, Rehabilitation; 515, Protective Systems for Concrete; and 562, Evaluation, Repair, and Rehabilitation of Concrete Buildings.

Paul received his BS and MS in architectural engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1965 and 1966, respectively. He is a licensed Professional Engineer and Structural Engineer.

CHAPTER ACTIVITIES AWARDS—DOMESTIC

Joe Hug is the Technical Services Manager for the Monarch Cement Co., Humboldt, KS, where he has been employed since 1995. His responsibilities

Award Recipient Biographies

include optimizing concrete mixture designs, performing field and laboratory testing and research, and consulting on plastic and hardened concrete problems.

He has been a member of the ACI Kansas Chapter for over 10 years, joining the Board of Direction in 1997 and serving as President in 2000, and is Assistant Secretary and Editor of the chapter newsletter. He is Chair of the Joint ACI Kansas/Kansas Ready Mixed Concrete Association Certification Committee, and has been involved in various other committees, including membership, awards, and education.

Hug received his BS in mechanical engineering from Kansas State University, Manhattan, KS. He is a licensed Professional Engineer in the state of Kansas.

Kenneth M. Lozen, FACI, is Principal Engineer/Facilities Group Manager and Associate at NTH Consultants, Ltd., Farmington Hills, MI. He has planned, conducted, and managed concrete material, deterioration, and failure evaluations and the engineering, design, and construction of concrete repairs at numerous structures for over 22 years. He recently performed the engineering evaluation, and was involved in the design and construction for the replacement of the pavement and sidewalks at ACI Headquarters.

An ACI member since 1985, he has held several board positions in the ACI Greater Michigan Chapter, including Director from 1986 to 1989, President in 1990 and 1991, and Treasurer from 1992 to present. He serves as the chapter's Educational Seminar Chair, and was Co-Chair of the ACI Spring 2002 Convention in Detroit, MI. He is a member of ACI Committees 228, Nondestructive Testing of Concrete; 546, Repair of Concrete; and E706, Repair Application Procedures.

He has published several articles and has been a speaker for technical organizations on various concrete evaluation, repair, and nondestructive testing subjects.

He is also a Fellow and charter member of the International Concrete Repair Institute (ICRI), where he was Treasurer from 1988 to 1994 and Director from 1996 to 2000, and served as a member of the Technical Activities Committee and several technical and board committees.

He received his BS in civil engineering from the University of Detroit, Detroit, MI, in 1980.

CHAPTER ACTIVITIES AWARDS—INTERNATIONAL

Khaled W. Awad (See page 53 for bio)

Enrique Pasquel (See page 54 for bio)

WALTER P. MOORE, JR. FACULTY ACHIEVEMENT AWARD

James H. Hanson is an Assistant Professor of civil engineering at the Rose-Hulman Institute of Technology, Terre Haute, IN, where he is in his fifth year. Previously, he was a Visiting Professor for 2 years at Bucknell University, Lewisburg, PA, and was an Instructor at Cornell University, Ithaca, NY, for 6 months. He is a strong advocate of hands-on learning, and was instrumental in establishing Rose-Hulman's new Center for the Practice and Scholarship of Education. He teaches freshman- through senior-level mechanics courses, including structural analysis and design.

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

He is Chair of ACI Committee E802, Teaching Methods and Educational Materials; Secretary of ACI Committee 446, Fracture Mechanics; and a member of ACI Committee 440, Fiber Reinforced Polymer Reinforcement.

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

CONCRETE RESEARCH COUNCIL—ARTHUR J. BOASE AWARD

Thomas T.C. Hsu, FACI, is the John and Rebecca Moores Professor of Civil Engineering at the University of Houston (UH), Houston, TX. He has been with UH for 27 years, serving as Chair of the Department of Civil Engineering from 1980 to 1984. Previously, he was employed in the Structural Research Laboratory, Portland Cement Association (PCA), Skokie, IL, and was a Professor and Chair of the Department of Civil Engineering, University of Miami, Coral Gables, FL, from 1968 to 1980.

He is a member of ACI Committee 215, Fatigue, and Joint ACI-ASCE Committees 343, Concrete Bridge Design, and 445, Shear and Torsion. He received the ACI Wason Medal for Materials Research in 1965 and

Award Recipient Biographies

the ACI Arthur R. Anderson Award in 1991.

His research interests include shear and torsion of reinforced concrete. During the past two decades, he tested full-sized elements using a "Universal Element Tester" at UH, from which he established the biaxial constitutive laws for structural concrete and formulated a unified theory to predict the shear and torsional behavior of members made of high-strength, prestressed, and fiber-reinforced concrete.

He is the author of two books: *Torsion of Reinforced Concrete* (1984) and *Unified Theory of Reinforced Concrete* (1993).

Hsu received a BS in architectural engineering from Harbin Institute of Technology, Harbin, China, in 1957, and an MS and PhD in structural engineering from Cornell University, Ithaca, NY, in 1960 and 1962, respectively.

CONCRETE RESEARCH COUNCIL ROBERT E. PHILLEO AWARD

William Hime, FACI, is nationally recognized for his work in the chemistry, properties, and analysis of cement, mortar, and concrete. He has carried out hundreds of investigations of distressed concrete caused by alkali-silica reaction, sulfate attack, freezing-and-thawing action, and delayed ettringite formation. His expertise also extends to corrosion of steel and safety issues, such as chemical burns, research, troubleshooting, and failure analyses. He has developed a number of analytical procedures that are used to solve problems in concrete construction, including methods for determining cement and chloride contents of concrete for mixer efficiency.

He is a member of ACI Committee 201, Durability of Concrete, and has written over 60 papers on cement and concrete research, analytical chemistry, corrosion, cement burns, and gypsum systems. He is a co-author of a monthly column in *Concrete Construction* magazine.

Hime received a BS in chemistry and mathematics in 1948 and attended graduate school at Northwestern University, Evanston, IL, where he studied analytical chemistry until 1951.

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