



2012

Awards Program

March 18

Hyatt Regency Dallas
Dallas, TX

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HONORARY MEMBERSHIP

Michael P. Collins
Bernardo Deschapelles
Neil M. Hawkins

Thomas T. C. Hsu
José M. Izquierdo-Encarnación

50-YEAR MEMBERSHIP

James P. Archibald
Loyer Arze
James Carpenter
Jose F. Chacon Toral
Eduardo G. De-Zayas
Octavio A. Espinosa I
David W. Fowler
Timothy Fowler
Sigmund A. Freeman
Richard W. Furlong
John Gardner

Howard C. Graff
Sidney A. Guralnick
David P. Gustafson
George Charles Hoff
Richard R. Imper
Harold Jobse
F. Wayne Klaiber
James S. Lai
LeLong Lucien
Joaquin Marin
Thomas Moske

Tarun R. Naik
Joseph Nyzen
William S. Phelan
Mark M. Porat
Edwin C. Rossow
Robert E. Shewmaker
Robert A. Shoolbred
Earnest Taylor
John R. Wilson

FELLOWS

Emilio Beltranena
Michael Carey Brown
Kenneth J. Elwood
Josef Farbiarz
Michael Christopher
Forde
Shawn P. Gross
James H. Hanson
Jin-Keun Kim
Sue Lane
Zongjin Li

Maria del Mar Lopez
de Murphy
Adolfo B. Matamoros
Daniel J. McCarthy
Arthur W. McKinney
Javeed A. Munshi
Suzanne Dow Nakaki
Michelle R. Nokken
Michael J. Paul
Victor Pizano-Thomen
Santiago Pujol

D. V. Reddy
Christopher J.
Robinson
George Michael
Robinson
Joseph C. Sanders
J. Edward Sauter
Martha G. VanGeem
Nadim I. Wehbe
Jeffrey S. West

ARTHUR R. ANDERSON MEDAL

Terence C. Holland

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

William M. Klorman

JOE W. KELLY AWARD

Andrea J. Schokker

HENRY L. KENNEDY AWARD

Claude Bédard

HENRY C. TURNER MEDAL

Robert G. Smith

ACI CERTIFICATION AWARD

Casimir J. Bognacki • Jon W. Delony • Butch Wyatt

ACI DISTINGUISHED ACHIEVEMENT AWARD

Cement Council of Texas

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

Arturo Gaytan Covarrubias • Eric P. Koehler • Aleksandra Radlińska

WASON MEDAL FOR MOST MERITORIOUS PAPER

Hai H. Dinh • Gustavo J. Parra-Montesinos • James K. Wight

ACI CONSTRUCTION AWARD

Eric S. Peterson

WASON MEDAL FOR MATERIALS RESEARCH

Mike Benjamin Otieno • Mark G. Alexander • Hans Beushausen

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

Kyoung-Kyu Choi • Hong-Gun Park

ACI DESIGN AWARD

Denis Mitchell • William D. Cook • Ting Peng

DELMAR L. BLOEM DISTINGUISHED SERVICE AWARD

Will Hansen • Donald F. Meinheit • Matthew Offenberg

CHAPTER ACTIVITIES AWARD

Susanne Flood • Darlene C. Lane • J. R. Maurice Marcil • Lawrence H. Taber

WALTER P. MOORE, JR. FACULTY ACHIEVEMENT AWARD

John T. Kevern

CHAPTER AWARDS—CITATIONS OF EXCELLENCE

See page 35

ACI AWARD FOR UNIVERSITY STUDENT ACTIVITIES

See page 36

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, 219 have been elected to this position.

Honorary Members

“for his lifetime contributions as a researcher, teacher, and role model to generations of students and for his leadership in the development of the modified compression field theory for the shear design of reinforced concrete members”



Michael P. Collins

Michael P. Collins, FACI, is University Professor and Bahen-Tanenbaum Professor of Civil Engineering at the University of Toronto, Toronto, ON, Canada. Educated at the University of Canterbury, Christchurch, New Zealand (BE 1964), and the University of New South Wales, Sydney, Australia (PhD 1968), he was an Assistant Professor at the University of Colorado, Boulder for 2 years prior to joining the University of Toronto in 1969. At Toronto, he has led a long-term research program aimed at improving the understanding of shear stress-transfer mechanisms for reinforced concrete structures under extreme loads.

Collins is a member and past Chair of Joint ACI-ASCE Committee 445, Shear and Torsion, and is a past member of the ACI Board of Direction; the ACI Educational Activities Committee; ACI Committees 318, Structural Concrete Building Code; and 358, Concrete Guideways (discharged); and the Scholarship Council of the ACI Concrete Research and Education Foundation. A frequent contributor to ACI's technical publications, he was awarded the Raymond C. Reese Research Medal for the best ACI structural engineering research paper of 1976, the Wason Medal for Most Meritorious Paper in 1991, the ACI Structural Research Award for 1998, the ACI Structural Engineering Award for 1999, and the ACI Design Award for 2006. In addition, he received the Joe W. Kelly Award in 1994 for “outstanding contributions to structural concrete as an educator, researcher, and engineer”; was chosen as the Phil M. Ferguson Award Lecturer in 1997; and also received the 2004 Arthur J. Boase Award for his research on the shear behavior of reinforced and prestressed concrete structures.

He is a licensed professional engineer in the Province of Ontario and has been elected Fellow of the Canadian Academy of Engineering, the Engineering Institute of Canada, and the Royal Society of Canada on the basis of “exceptional contributions to Canadian intellectual life.”

Honorary Members



“for his extraordinary dedication to the education of structural engineers in Puerto Rico and the Caribbean, in analysis of shear wall buildings, Building Code development and Finite Element Analysis”

Bernardo Deschappelles

Bernardo Deschappelles is a Distinguished Professor in the Department of Civil and Environmental Engineering at the Polytechnic University of Puerto Rico. He has authored many technical papers and discussions, both in English and Spanish, and presented contributions at the 1980 and 1992 ACI Fall Conventions.

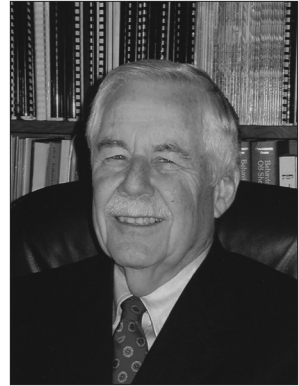
He was co-founder of the Pan American Academy of Engineers at Panama City in 2000 and was the first recipient of the category of Honorary Member of the Dominican Society of Engineers and Architects. He is a Fellow Member of the American Society of Civil Engineers (ASCE) and President of the Earthquake Committee in the Puerto Rican Society of Engineers and Surveyors.

In 2007, he received the ACI Alfred E. Lindau Award. During 2010, the Government of the Dominican Republic asked him to serve as Special Advisor in the upgrading of the seismic code of that country. His research interests include the development and promulgation of methods related to the analysis and design of concrete structures, particularly in the area of shear wall buildings.

He is a licensed professional engineer in Puerto Rico, Florida, and the Dominican Republic. He received his BS in chemical engineering and civil engineering in 1952 and 1954, respectively, from the University of Havana, Cuba. He received his PhD in engineering from the California Coast University, Santa Ana, CA, in 1982. He has served since 1955 in professional and professorial positions.

Honorary Members

“for his outstanding technical contributions in the fields of reinforced and prestressed concrete behavior and design, his years as an academic leader, and his service to ACI and other technical organizations”



Neil M. Hawkins

Neil M. Hawkins retired from the University of Illinois in 2002 as Professor Emeritus of Civil and Environmental Engineering. He is currently an Affiliate Professor of Civil and Environmental Engineering at the University of Washington and consults.

He received ACI's Wason Medal for Materials Research in 1970, the Wason Medal for Most Meritorious Paper in 2009, the Reese Award in 1978 and 1981, Structural Research Award in 1991, the Kelly Award in 1996, the Turner Medal in 2005, and the Reinforced Concrete Research Council's Boase Award in 2005.

He is a consulting member of ACI Committee 318, Structural Concrete Building Code, and is also a member of its technical subcommittees on Precast and Prestressed Concrete and Seismic Provisions. He is a member of ACI Committees 215, Fatigue of Concrete; 355, Anchorage to Concrete; and Joint ACI-ASCE Committees 408, Bond and Development of Reinforcement; 445, Shear and Torsion; 446, Fracture Mechanics of Concrete; and 550, Precast Concrete Structures, and he is a member ACI's Scholarship Council. He has served as a Director of ACI and as a member of the International Activities Committee, the Committee on Awards for Papers, the Fellows Nomination Committee, and ACI Committee 443, Concrete Bridge Design (discharged). He was the principal author for ACI ITG-1 (Innovation Task Group 1) on Precast/Prestressed Concrete Special Moment Frames and ITG-5 on Precast/Prestressed Concrete Special Structural Walls.

His research interests are in the performance of concrete structures and he has authored or co-authored over 240 technical papers and reports.

He received his BE in civil engineering in 1957 from the University of Sydney, New South Wales, Australia, and his MS and PhD in civil engineering from the University of Illinois at Urbana in 1959 and 1961, respectively. He is a Distinguished Member of the American Society of Civil Engineers (ASCE) and a Titan of the Precast/Prestressed Concrete Institute (PCI).

Honorary Members



“for his groundbreaking research in the fields of concrete materials and the torsional response of reinforced concrete members and for his outstanding contributions as a teacher and mentor”

Thomas T. C. Hsu

Thomas T. C. Hsu is Moores Professor in the Department of Civil and Environmental Engineering, University of Houston, Houston, TX. Before joining the University of Houston as Department Chair in 1980, he served as Professor and Department Chair at the University of Miami, Coral Gables, FL, for 11 years, and as an Engineer at Portland Cement Association (PCA), Skokie, IL, for 7 years.

Hsu has authored three books and numerous publications. He was the recipient of the ACI Authur J. Boase Award, 2007; the Arthur R. Anderson Award, 1991; and the Wason Medal for Materials Research, 1965. He also received the Walter L. Huber Civil Engineering Research Prize from the American Society of Civil Engineers (ASCE) in 1974, and the Research Medal from the American Society for Engineering Education (ASEE) in 1969.

He was honored jointly by ACI and ASCE with the *Thomas T. C. Hsu Symposium on Shear and Torsion in Concrete Structures* at the ACI Convention in New Orleans in 2009; and the publication of the symposium volume, ACI SP-265, which contains 29 papers presented by authors from around the world.

Hsu is a member of ACI Committees 215, Fatigue of Concrete, and 349, Concrete Nuclear Structures, and Joint ACI-ASCE Committees 343, Concrete Bridge Design, and 445, Shear and Torsion. He has also served on ACI Committee 358, Concrete Guideways (discharged); the Committee on Nominations; the Committee on Awards for Papers, and the Publications Committee.

He received his BS from Harbin Institute of Technology, China, 1957; and his MS and PhD from Cornell University, Ithaca, NY, in 1960 and 1962, respectively.

Honorary Members

“for his achievements and contributions to ACI and the concrete industry internationally, and for his work in creating and disseminating concrete instruments of knowledge for the international concrete engineer and practitioner”



José M. Izquierdo-Encarnación

José M. Izquierdo-Encarnación is a Principal of PORTICUS, a consulting firm located in Rio Piedras, Puerto Rico.

Izquierdo was elected ACI President in 2003. He is a Fellow of the Institute, a member of ACI Committees 314, Simplified Design of Concrete Buildings, of which he chaired the review of IPS-1; 118, Use of Computers; 369, Seismic Repair and Rehabilitation; 375, Performance-Based Design of Concrete Buildings for Wind Loads; and E705, Educational Computer Activities. He also has served on the Educational Activities Committee, the Financial Advisory Committee, the Hot Topic Committee, the TAC Metrication Committee, and the Task Group on Centennial Activities. He co-chaired the Local Chapter Convention Committee for the ACI Fall Conventions in 1992 and 2007 in Puerto Rico and served as President and Board member of the ACI Puerto Rico Chapter.

He has held several professional, civic, and public positions in Puerto Rico, including serving as Secretary of State and Secretary of Transportation and Public Works for the Commonwealth; President and Board member of the Institute of Engineers and Land Surveyors; and serving on numerous committees during the last 27 years. He has also served as Board member and Vice President of the Puerto Rico Chamber of Commerce and Trustee of the Pontifical Catholic University of Puerto Rico.

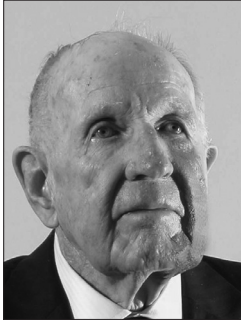
Izquierdo received his bachelor's (1980) and master's (1982) degrees in civil engineering from the University of Puerto Rico, San Juan, Puerto Rico. He joined Capacete-Martin & Associates, Architects and Engineers, San Juan, in 1980, serving as a Senior Structural Engineer for 5 years. He founded and worked for 15 years in the consulting firm Izquierdo, Rueda and Associates, providing services in the areas of structural engineering, infrastructure development, and historic preservation.

He has Chaired the structural engineer's continuous education program in Puerto Rico for the last 25 years. He has written many papers and spoken extensively on structural engineering and analysis in over 15 countries, promoted the use of simplified methods for structural design, and has worked in numerous restoration projects.

50-Year Membership Citations _____

50-Year Membership Citations

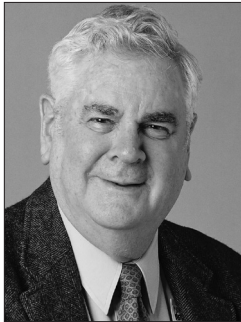
Expression of appreciation to members who have contributed to the success of the Institute by maintaining membership of at least 50 years.



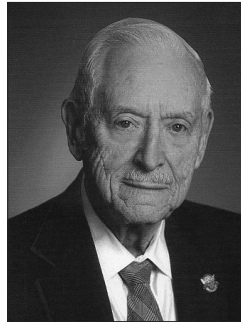
James P. Archibald



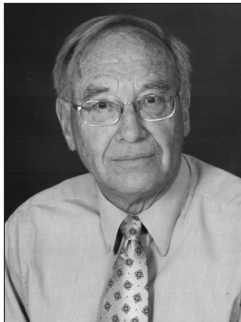
David W. Fowler



Sigmund A. Freeman



Richard W. Furlong

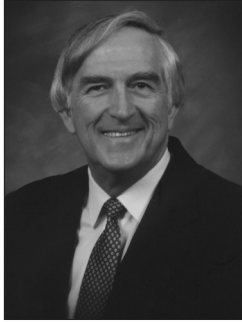


John Gardner



David P. Gustafson

50-Year Membership Citations



George Charles Hoff



Richard R. Imper



F. Wayne Klaiber



James S. Lai



Joaquin Marin



Thomas Moske

50-Year Membership Citations _____



William S. Phelan



Robert E. Shewmaker



Robert A. Shoolbred



John R. Wilson

Not Pictured:

Loyer Arze

James Carpenter

Jose F. Chacon Toral

Eduardo G. De-Zayas

Octavio A. Espinosa I

Timothy Fowler

Howard C. Graff

Sidney A. Guralnick

Harold Jobse

LeLong Lucien

Tarun R. Naik

Joseph Nyzen

Mark M. Porat

Edwin C. Rossow

Earnest Taylor

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, 700 members now hold the position of Fellow. They are recommended by the Fellows Nomination Committee and elected by the Board of Direction.

Fellows



Emilio Beltranena



Michael Carey Brown



Kenneth J. Elwood



Josef Farbiarz



Michael Christopher
Forde



Shawn P. Gross



James H. Hanson



Jin-Keun Kim



Sue Lane



Zongjin Li



Maria del Mar Lopez
de Murphy



Adolfo B. Matamoros

Fellows



Daniel J. McCarthy



Arthur W. McKinney



Javeed A. Munshi



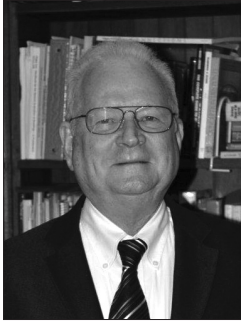
Suzanne Dow Nakaki



Michelle R. Nokken



Michael J. Paul



Victor Pizano-Thomen



Santiago Pujol



D. V. Reddy



Christopher J. Robinson

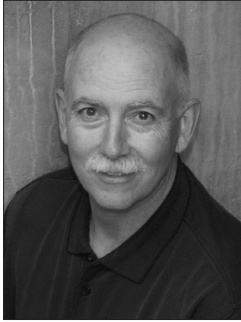


George Michael
Robinson



Joseph C. Sanders

Fellows



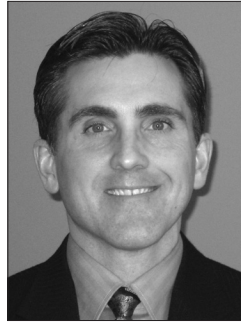
J. Edward Sauter



Martha G. VanGeem



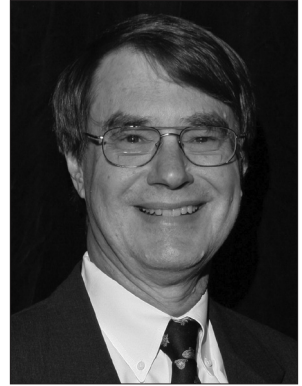
Nadim I. Wehbe



Jeffrey S. West

Arthur R. Anderson Medal

“for his outstanding contributions to our understanding of concrete as a construction material and the use of chemical admixtures and supplementary cementitious materials, and for his leadership in advancing the materials and construction provisions of the ACI 318 Building Code”



Terence C. Holland

(For bio see pages 47-48)

The **Arthur R. Anderson Medal** 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 effective participation in ACI activities and his innovative techniques in the planning and execution of concrete structures including his leadership in the field of Building Information Modeling (BIM)”



William M. Klorman

(For bio see page 48)

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



Andrea J. Schokker

“for invaluable service to the American Concrete Institute in promoting green concrete and developing sustainability into one of the areas of greater interest within the Institute”

(For bio see pages 48-49)

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



Claude Bédard

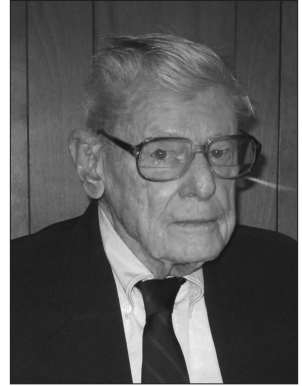
“for his outstanding dedication and service and his farsighted leadership as the Chair of the ACI Foundation’s Strategic Development Council”

(For bio see page 49)

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.

Henry C. Turner Medal

“for his years of invaluable support of ACI’s mission, his unswerving concern for safer reinforced concrete structures, and his leadership in identifying the need for effective and efficient continuity of reinforcement”



Robert G. Smith

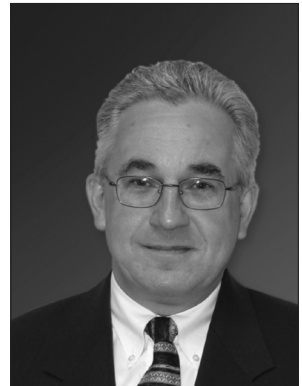
(For bio see page 50)

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.

ACI Certification Award

“for outstanding and tireless service in promoting and administering ACI Certification programs”

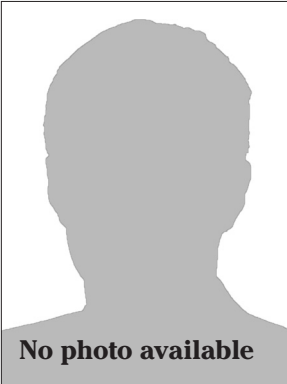


Casimir J. Bognacki

(For bio see page 59)

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 and tireless service in administering ACI Certification programs”

(For bio see page 59)

Jon W. Delony

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 and enthusiastic service in coordinating, administering, and promoting ACI Certification Programs”

(For bio see page 59)

Butch Wyatt

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 sustained advocacy of the advancement of concrete technology in Texas through promotional events, legislative activities, educational seminars, and publications”



(For bio see page 50)

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

ACI Young Member Award for Professional Achievement

“for contributions to the advancing of quality management systems in production and concrete construction, to seek and disseminate the benefits of concrete and for the mentoring and support of younger colleagues and students”



Arturo Gaytan
Covarrubias

(For bio see pages 50-51)

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



Eric P. Koehler

“for contributions to advancing the measurement of concrete workability through development of a new device and through his service to ACI technical committees”

(For bio see page 51)

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



Aleksandra Radlińska

“for contributions to advancements of concrete knowledge through education and mentoring of students, scholarly research, technical publications, and service to ACI committees at the local and national level”

(For bio see pages 51-52)

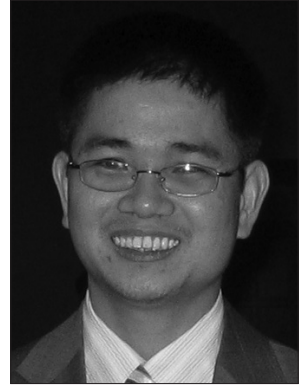
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—Wason Medal for Most Meritorious Paper

“for his co-authored paper investigating the shear strength of concrete beams reinforced with steel fibers”

“Shear Behavior of Steel Fiber-Reinforced Concrete Beams without Strirrup Reinforcement,” *ACI Structural Journal*, September-October 2010, pages 597-606

(For bio see page 52)



Hai H. Dinh

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

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

—Wason Medal for Most Meritorious Paper

“for his co-authored paper investigating the shear strength of concrete beams reinforced with steel fibers”

“Shear Behavior of Steel Fiber-Reinforced Concrete Beams without Strirrup Reinforcement,” *ACI Structural Journal*, September-October 2010, pages 597-606

(For bio see page 52)

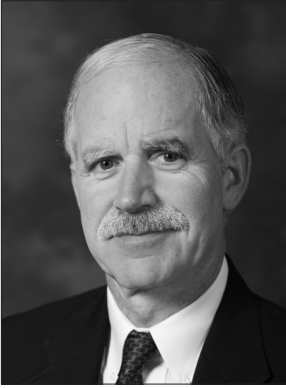


Gustavo J. Parra-Montesinos

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

Wason Medal for Most Meritorious Paper_____



James K. Wight

“for his co-authored paper investigating the shear strength of concrete beams reinforced with steel fibers”

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(For bio see pages 52-53)

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

ACI Construction Award_____



Eric S. Peterson

“for his paper showing the formwork design and detailing of the complex reliquary walls within The Cathedral of Christ the Light, Oakland, CA”

“Meeting the Formwork Requirements for a Challenging Structure,” *Concrete International*, January 2010, pages 42-48

(For bio see page 53)

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

Wason Medal for Materials Research

“for his co-authored paper investigating the influence of cracks on the rate of chloride-induced corrosion”

“Suitability of Various Measurement Techniques for Assessing Corrosion in Cracked Concrete,” *ACI Materials Journal*, September-October 2010, pages 481-489

(For bio see page 53)



Mike Benjamin Otieno

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

Wason Medal for Materials Research

“for his co-authored paper investigating the influence of cracks on the rate of chloride-induced corrosion”

“Suitability of Various Measurement Techniques for Assessing Corrosion in Cracked Concrete,” *ACI Materials Journal*, September-October 2010, pages 481-489

(For bio see pages 53-54)



Mark G. Alexander

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Wason Medal for Materials Research _____



Hans Beushausen

“for his co-authored paper investigating the influence of cracks on the rate of chloride-induced corrosion”

“Suitability of Various Measurement Techniques for Assessing Corrosion in Cracked Concrete,” *ACI Materials Journal*, September-October 2010, pages 481-489

(For bio see page 54)

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

Chester Paul Siess Award for Excellence in Structural Research _____



Kyoung-Kyu Choi

“for his co-authored paper developing an analytical method to predict the inelastic deformation capacity of reinforced concrete beams subjected to cyclic or monotonic loading”

“Evaluation of Inelastic Deformation Capacity of Beams Subjected to Cyclic Loading,” *ACI Structural Journal*, September-October 2010, pages 507-519

(For bio see page 54)

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

Chester Paul Siess Award for Excellence in Structural Research

“for his co-authored paper developing an analytical method to predict the inelastic deformation capacity of reinforced concrete beams subjected to cyclic or monotonic loading”

“Evaluation of Inelastic Deformation Capacity of Beams Subjected to Cyclic Loading,” *ACI Structural Journal*, September-October 2010, pages 507-519

(For bio see pages 54-55)



Hong-Gun Park

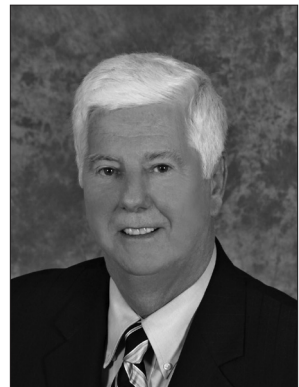
The **Chester Paul Siess Award for Excellence in Structural Research** is given to the author or authors of a peer-reviewed paper published by the Institute that describes a notable achievement in experimental or analytical research that advances the theory or practice of structural engineering and,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

ACI Design Award

“for his co-authored paper providing detailing guidance to adequately anchor hanger reinforcement in dapped end beams”

“Importance of Reinforcement Detailing,” SP-273, Paper 14, September 2010, pages 14-1 to 14-16

(For bio see page 55)



Denis Mitchell

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

ACI Design Award ---



William D. Cook

“for his co-authored paper providing detailing guidance to adequately anchor hanger reinforcement in dapped end beams”

“Importance of Reinforcement Detailing,” SP-273, Paper 14, September 2010, pages 14-1 to 14-16

(For bio see page 55)

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

ACI Design Award ---



Ting Peng

“for her co-authored paper providing detailing guidance to adequately anchor hanger reinforcement in dapped end beams”

“Importance of Reinforcement Detailing,” SP-273, Paper 14, September 2010, pages 14-1 to 14-16

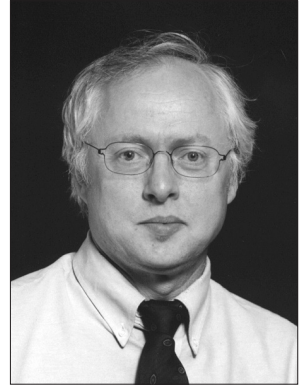
(For bio see page 56)

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

Delmar L. Bloem

Distinguished Service Award

*“for outstanding leadership of Committee 231,
Properties of Concrete at Early Ages”*



Will Hansen

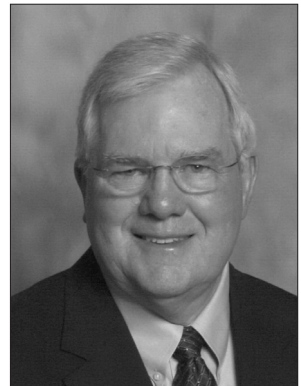
(For bio see page 56)

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

Distinguished Service Award

*“for outstanding leadership of Committee 355,
Anchorage to Concrete”*



Donald F. Meinheit

(For bio see page 56)

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

Distinguished Service Award _____



*“for outstanding leadership of
Committee 522, Pervious Concrete”*

(For bio see page 57)

Matthew Offenberg

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



*“for her consistently exceptional devotion
and service to the ACI Illinois Chapter”*

(For bio see page 57)

Susanne Flood

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

“for her outstanding devotion and commitment to the ACI British Columbia Chapter, and providing continuity and direction to the Chapter Board”



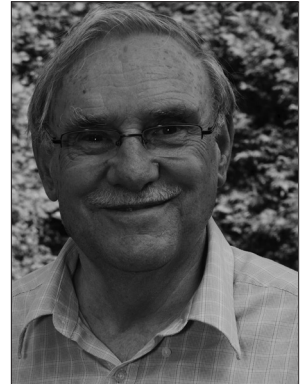
Darlene C. Lane

(For bio see page 57)

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

“for his outstanding service and dedication to the ACI Quebec and Eastern Ontario Chapter through the promotion of certification and technical programs”



J. R. Maurice Marcil

(For bio see pages 57-58)

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



Lawrence H. Taber

“for his tireless and enthusiastic dedication to the ACI Missouri Chapter, including technical knowledge, student programs and promoting the concrete industry”

(For bio see page 58)

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

Walter P. Moore, Jr. Faculty Achievement Award



John T. Kevern

“for his enthusiasm, diligence, and innovation in concrete research and education, as evidenced by his championing of the Sustainable Concrete Guide, the ACI student competitions, and the NRMCA Pervious Concrete Contractor Certification program”

(For bio see pages 58-59)

The **Walter P. Moore, Jr. Faculty Achievement Award** was established in 2001 to honor the late Walter P. Moore, Jr., PhD, PE, NAE. Moore was an ACI Fellow, an ACI Board Member, and a structural engineer in Texas who believed in the development of educators committed to the teaching of concrete. This award is given to an individual with less than 7 years served in all faculty positions. The award recognizes excellence and innovation in the teachings of concrete design, materials, or construction, with demonstrated evidence of technical competence, high character, and integrity.

T.Y. Lin Award

TBD March 2012

Chapter Awards

CITATIONS OF EXCELLENCE

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

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

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

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

For international chapters, there are 53 possible points. A rating of at least 34 points is necessary for "excellent" honors. Those achieving at least 26 points are accorded "outstanding" status.

Excellent Chapters for 2011

Arizona
Central & Southern Mexico
Georgia
Greater Miami Valley
India
Iran
Kansas
Missouri
Nebraska
New Jersey
New Mexico
Northeast Texas
Peru
San Diego International
Southern California

Outstanding Chapters for 2011

Carolinas
Concrete Industry Board, New York City
Greater Michigan
Indiana
Intermountain
Las Vegas
Louisiana
Northeast Mexico
Northern California and Western Nevada
Ontario
Pittsburgh Area
San Antonio

ACI AWARD FOR UNIVERSITY STUDENT ACTIVITIES

Similar to ACI's annual award for excellent and outstanding chapters, the ACI Award for University Student Activities identifies the universities that qualify for excellent or outstanding status, based on points received for their participation in select ACI-related activities/programs. Points are based on the number of ACI student members at the university, university students serving on ACI committees, and university students/faculty attending ACI conventions; the presence of an active ACI student chapter at the university; local ACI chapter participation in meetings/events and other concrete-related industry, such as events, meetings, competitions, and university/student participation in ACI's competitions; and community outreach.

For those universities receiving 12 or more points, they will be accorded "excellent" status, while those receiving between 6 to 11 points will receive "outstanding" status.

Excellent University Award 2011

Aria University of Sciences and Sustainability
Arizona State University
Auburn University
Florida International University
Middle Tennessee State University
Missouri University of Science & Technology
New Jersey Institute of Technology
North Carolina State University
Southern Illinois University-Edwardsville
Texas State University-San Marcos
United States Military Academy
Universidad Autónoma de Nuevo León
University of Arkansas at Fayetteville
University of Central Florida
University of Florida
University of Houston
University of Kansas
University of Louisiana at Lafayette
University of Minnesota Duluth
University of Missouri-Kansas City
University of Texas at Austin
Villanova University

Outstanding University Award 2011

British Columbia Institute of Technology
Cleveland State University
Escuela Colombia de Ingeniería
Julio Garavito
Instituto Tecnológico de La Paz
Purdue University
Rose-Hulman Institute of Technology
San Jose State University
Tennessee Technological University
Trine University
Universidad Rafael Landívar de Quetzaltenango
University of Colorado Denver
University of Michigan
University of Puerto Rico, Mayaguez Campus
University of Toronto
Valparaiso University

Award Recipient Biographies

HONORARY MEMBERSHIP – Michael P. Collins (see page 5)

HONORARY MEMBERSHIP – Bernardo Deschapelles (see page 6)

HONORARY MEMBERSHIP – Neil M. Hawkins (see page 7)

HONORARY MEMBERSHIP – Thomas T. C. Hsu (see page 8)

HONORARY MEMBERSHIP – José M. Izquierdo-Encarnación (see page 9)

FELLOWS

Emilio Beltranena has been the Technical Advisor at the Cement and Concrete Institute of Guatemala in Guatemala City since October 2006.

He is a founding member and Past President of the ACI Guatemala Chapter; Head of the Guatemalan local sponsoring group for ACI Certification Programs in Guatemala, which now works with four ACI programs; and a member of ACI 318-WA, International Workshop—Structural Concrete in the Americas. He promoted the organization of five ACI student chapters in Guatemala and has been promoting the adoption and use of ACI and ASTM International standards in Guatemala since 1954, especially as a Professor of civil engineering at the University of San Carlos of Guatemala for 30 years and at the Rafael Landivar University of Guatemala for 15 years. He is also a member of ASTM Committees C01, Cement; and C09, Concrete. He has authored more than 100 technical papers and reports.

His research interests include the alkali-silica reaction of cementitious materials-aggregate combinations, the corrosion of concrete reinforcement, and the use of high-performance/high-strength concrete.

Beltranena received his BS in civil engineering from the University of San Carlos of Guatemala in 1955. He is a licensed professional engineer in Guatemala.

Michael Carey Brown is an Associate Director at the Virginia Center for Transportation Innovation and Research (VCTIR), the research division of the Virginia Department of Transportation (VDOT), Charlottesville, VA, where he has worked for the past 10 years and oversees research in the design and durability of reinforced and prestressed concrete structures. He also serves as a Visiting Assistant Professor and an Adjunct Lecturer of civil and environmental engineering at the University of Virginia.

He is Chair of ACI Committee 345, Concrete Bridge Construction, Maintenance, and Repair, and is a member of ACI Committees 222, Corrosion of Metals in Concrete; 228, Nondestructive Testing of Concrete; 342, Evaluation of Concrete Bridges and Bridge Elements; 365, Service Life Prediction; and Joint ACI-ASCE Committee 343, Concrete Bridge Design. He has authored or co-authored over 40 research papers or reports. He is also a member of the American Society of Civil Engineers (ASCE) and the ASCE Structural Engineering Institute (SEI).

His research interests include the design and durability of reinforced and prestressed concrete structures, with particular emphasis on the preservation, maintenance, and rehabilitation of highway bridges and structures.

Award Recipient Biographies

Brown received his BS, MS, and PhD in civil engineering from the Virginia Polytechnic Institute and State University, Blacksburg, VA, in 1991, 1999, and 2002, respectively. He is a licensed professional engineer in Virginia.

Kenneth J. Elwood is an Associate Professor at the University of British Columbia, Vancouver, BC, Canada.

He is Chair of ACI Committee 369, Seismic Repair and Rehabilitation, and a member of ACI Subcommittee 318-H, Seismic Provisions, and Joint ACI-ASCE Committee 441, Reinforced Concrete Columns. He received the ACI Chester Paul Siess Award for Excellence in Structural Research in 2007.

His research interests include the seismic response of existing concrete buildings.

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

Josef Farbiarz has been an Associate Professor and Director of the Centre of Projects and Investigation on Seismicity at the Universidad Nacional de Colombia at Medellín, Medellín, Colombia, since 1993.

He is a member of ACI Committee 314, Simplified Design of Concrete Buildings. He is the author of two books and numerous research papers.

His research interests include structural inelastic analysis modeling, structural and nonstructural masonry earthquake-resistant behavior, and plastic design and behavior of dual systems.

Farbiarz received his MS in civil engineering from the University of Texas at Austin, Austin, TX, in 1985.

Michael Christopher Forde holds the Carillion Chair of Civil Engineering Construction at the University of Edinburgh, Edinburgh, Scotland, where he has been a faculty member for nearly 40 years.

He is Chair of ACI Committee 228, Nondestructive Testing of Concrete.

His research interests include nondestructive testing of concrete and other construction materials and high-speed rail trackbed.

Forde received his BEng in civil engineering from the University of Liverpool, Liverpool, England; his MSc in highway and traffic engineering; and his PhD in geomechanics from the University of Birmingham, Birmingham, UK, in 1966, 1970, and 1975, respectively. He is a chartered civil and electrical engineer in the UK.

Shawn P. Gross is an Associate Professor in the Department of Civil and Environmental Engineering at Villanova University, Villanova, PA. He has served on the faculty since 1999 and is a member of the Structural Engineering Group.

He is Chair of ACI Subcommittee 440-H, FRP-Reinforced Concrete; Secretary of ACI Committee 435, Deflection of Concrete Building Structures; Past Secretary and a member of Joint ACI-ASCE Committee 423, Prestressed Concrete; and a

Award Recipient Biographies

member of ACI Committees 363, High-Strength Concrete; and 440, Fiber-Reinforced Polymer Reinforcement. He is also a member of the American Society of Civil Engineers (ASCE).

His research interests include the behavior, analysis, and design of structural concrete, especially the use of fiber-reinforced polymers as internal structural reinforcement, and the serviceability performance of reinforced and prestressed concrete members. He has taught structural design courses in reinforced concrete, prestressed concrete, and masonry at both the undergraduate and graduate levels for the past 13 years. He has authored or co-authored over 50 technical and educational papers and reports and has served as the primary research advisor to more than 20 graduate students.

Gross received his BSE in civil engineering from Tulane University, New Orleans, LA, and his MSE and PhD in civil engineering from the University of Texas at Austin, Austin, TX, in 1993, 1995, and 1998, respectively.

James H. Hanson is an Assistant Professor of civil engineering at the Rose-Hulman Institute of Technology in Terre Haute, IN. He has been teaching for over 11 years, including 2 years as a visiting faculty member at Bucknell University, Lewisburg, PA.

He received the ACI Young Member Award for Professional Achievement in 2006 and the ACI Walter P. Moore, Jr. Faculty Achievement Award in 2007.

He is Chair of ACI Committee S802, Teaching Methods and Educational Materials; Secretary of Joint ACI-ASCE Committee 446, Fracture Mechanics of Concrete; and a member of ACI Committee 440, Fiber-Reinforced Polymer Reinforcement. He is also a member of the ACI Student and Young Professional Activities (SYPAC), Convention, and Publications Committees; the American Society of Civil Engineers (ASCE); and ASTM International.

His research interests include measuring the fracture properties of concrete and improving student learning through innovative approaches to teaching.

Hanson received his BS in civil engineering from Cornell University, Ithaca, NY, in 1991. After 4 years in the military, he returned to Cornell and received his MEng and PhD in 1996 and 2000, respectively. He is a licensed professional engineer in New York and Indiana.

Jin-Keun Kim has been a Professor in the Department of Civil and Environmental Engineering at the Korea Advanced Institute of Science and Technology (KAIST), Daejeon, Korea, since 1985.

He served as Secretary of the ACI Korea Chapter from 1988 to 1989. He served as an officer and later President of the Korea Concrete Institute. He is also a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI). He has authored or co-authored over 170 technical papers.

Kim received his BS and MS in architectural engineering from Seoul National University, Seoul, Korea, and his PhD in civil engineering from Northwestern University, Evanston, IL, in 1975, 1978, and 1985, respectively. He is a licensed structural engineer in Korea.

Award Recipient Biographies

Sue Lane is the Development and Outreach Engineer of the Long-Term Bridge Performance Program for the U.S. Department of Transportation's Federal Highway Administration.

She is a member of ACI Committee 239, Ultra-High Performance Concrete, and Joint ACI-ASCE Committees 343, Concrete Bridge Design, and 423, Prestressed Concrete. She is also a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI). She has authored or co-authored over 25 technical papers and reports.

Lane received her MS and BS in civil engineering from the Pennsylvania State University, University Park, PA. She is a licensed professional engineer in Virginia.

Zongjin Li is a Professor in the Department of Civil and Environmental Engineering at Hong Kong University of Science and Technology, Hong Kong, China. He is the Chief Scientist for Key National Basic Research Project #973: Basic Study on Environmentally Friendly Contemporary Concrete.

He is founding President of the ACI China Chapter and serves as the Director of the chapter Board. He has authored or co-authored three technical books, including *Advanced Concrete Technology* and *Structural Renovation in Concrete*. He is an editorial board member for five international journals. He has also edited two conference proceedings and published over 300 technical papers. He was awarded three U.S. and five Chinese patents—three of which have been developed into commercial products.

His research interests include the durability of concrete; development of high-performance concrete; nondestructive testing in civil engineering (acoustic emission, infrared, and impact echo); development of advanced building products using extrusion technique; and functional materials in civil engineering.

Li received his BE from Zhejiang University, Hongzhou, China, and his MS and PhD from Northwestern University, Evanston, IL, in 1982, 1990, and 1993, respectively. He is a licensed professional engineer in Hong Kong, China.

Maria del Mar Lopez de Murphy is an Associate Professor in the Department of Civil and Environmental Engineering at the Pennsylvania State University, University Park, PA, where she has been on the faculty since 2003.

She is a member of ACI Committees 440, Fiber-Reinforced Polymer Reinforcement; and 544, Fiber-Reinforced Concrete, and Joint ACI-ASCE Committee 446, Fracture Mechanics of Concrete. She has served as Session Organizer and Chair at national and international conferences and as a leader of several ACI task group efforts. She is also a member of the American Society of Civil Engineers (ASCE). She received the National Science Foundation Faculty CAREER Development Award and a Best Basic Research Paper Award from ASCE.

Her research interests include nontraditional materials and technologies for repair and retrofit systems and new structures, specifically the use of fiber-reinforced polymer sheets or plates for retrofitting concrete structures.

Lopez de Murphy received a civil engineering degree and an advanced degree in structural engineering from the Universidad del Valle, Cali, Colombia, in 1993

Award Recipient Biographies

and 1995, respectively, and her MS and PhD in civil engineering from the University of Michigan, Ann Arbor, MI, in 1996 and 2000, respectively.

Adolfo B. Matamoros is an Associate Professor in the Department of Civil, Architectural, and Environmental Engineering at the University of Kansas, Lawrence, KS.

He is Chair of Joint ACI-ASCE Committee 408, Development and Splicing of Deformed Bars, and ACI ad hoc Committee 423-445, Shear/Anchorage Failure in End Regions of Prestressed Members. He is a member of ACI Committees 314, Simplified Design of Concrete Buildings; 341, Earthquake-Resistant Concrete Bridges; and 369, Seismic Repair and Rehabilitation; ACI Subcommittee 314-B, Preliminary Design and Economic Impact; and Joint ACI-ASCE Committees 441, Reinforced Concrete Columns; and 445, Shear and Torsion. He has authored or co-authored over 50 technical papers and reports.

His research interests include reinforced concrete columns; high-strength concrete; seismic evaluation of older reinforced concrete buildings; shear; and simulations of the nonlinear response of reinforced concrete structures.

Matamoros received his licentiate from the University of Costa Rica, San Pedro, Costa Rica, and his MS and PhD in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1989, 1994, and 1999, respectively.

Daniel J. McCarthy is Vice President of Engineering and Construction Performance at Preload, Inc., Hauppauge, NY, where he has worked since 1996. He specializes in the design and construction of large wire-wrapped prestressed concrete tanks with dome roofs and their foundations. He also supervises the structural evaluation and rehabilitation design for aging prestressed tanks—up to 70 years old—a specialty he has been involved in since 1982.

He is Chair of ACI Committee 372, Circular Concrete Structures Prestressed by Wrapping with Wire or Strand, and ACI Subcommittee 350-H, Editorial. He is a member of ACI Committees 350, Environmental Engineering Concrete Structures, and 437, Strength Evaluation; and ACI Subcommittee 350-E, Precast-Prestressed. He has authored or co-authored six technical papers.

McCarthy received his BS in civil engineering from the University of Connecticut, Storrs, CT, and his MS in civil engineering from Columbia University, New York, NY, in 1981 and 1990, respectively. He is a licensed professional engineer in 31 U.S. states.

Arthur W. McKinney is the Chairman of McKinney and Company, a full-service planning, engineering, architecture, testing, and construction firm he founded in 1979 with offices in Virginia and the Republic of Panama. The firm has a successful international practice in logistics centers, manufacturing facilities, data centers, and laboratories. McKinney introduced load-bearing tilt-up construction in the Republic of Panama.

He is a Past Chair and member of ACI Committee 360, Design of Slabs on Ground, and a member of ACI Committees 117, Tolerances, and 302,

Award Recipient Biographies

Construction of Concrete Floors, and ACI Subcommittee, 301-G, Shrinkage Compensating Concrete and Industrial Floor Slabs. He serves as a national instructor for the ACI seminar series on “Design and Construction of Slabs-on-Ground.”

McKinney received his BS in architectural engineering from Virginia Polytechnic Institute and State University, Blacksburg, VA, in 1965. He is a licensed professional engineer in Virginia, Florida, Georgia, Indiana, Kentucky, Louisiana, Texas, and Utah and a licensed structural engineer in Illinois.

Javeed A. Munshi is Principal Engineer and Concrete Design Technical Specialist at Bechtel Power, Frederick, MD. He has over 20 years of experience in the design, evaluation, and construction of concrete structures, including heavy industrial (fossil and nuclear) power structures, bridges, underground structures (tunnels), environmental concrete structures, and renewable power projects.

He is a member of ACI Committees 307, Concrete Chimneys; 314, Simplified Design of Concrete Buildings; 349, Concrete Nuclear Structures; 350, Environmental Engineering Concrete Structures; 374, Performance-Based Seismic Design of Concrete Buildings; and 437, Strength Evaluation of Existing Concrete Structures. He is also a member of the American Society of Civil Engineers (ASCE). He has conducted concrete design seminars and training for ACI, contributed to seven books/design aids for concrete, and published over 60 papers.

Munshi received his BS in civil engineering from the National Institute of Technology, India; his MS in earthquake engineering from the Indian Institute of Technology, Roorkee, India; and his PhD from the Illinois Institute of Technology, Chicago, IL, in 1984, 1989, and 1994, respectively. He is a licensed professional engineer in New York and Wisconsin and a licensed structural engineer in Illinois.

Suzanne Dow Nakaki is Principal of the Nakaki Bashaw Group, Inc., Irvine, CA. She has been a practicing structural engineer for over 30 years, with most of her construction projects located in California. In addition, she is involved in academic research programs, working with research institutions nationwide.

She is a member of ACI Subcommittee 318-H, Seismic Provisions. She is also involved with the Precast/Prestressed Concrete Institute (PCI).

Her research interests include the seismic design of precast and cast-in-place building structural systems.

Nakaki received her BS in engineering and her MS in civil engineering from the University of California, Los Angeles, Los Angeles, CA, in 1981 and 1985, respectively. She is a licensed civil and structural engineer in California and Oregon.

Michelle R. Nokken is an Associate Professor in the Department of Building, Civil and Environmental Engineering at Concordia University, Montreal, QC, Canada, where she has been a faculty member since 2004.

She is a member of ACI Committees S803, Faculty Network Coordinating Committee; 201, Durability of Concrete; 231, Properties of Concrete at Early

Award Recipient Biographies

Ages; and 236, Material Science of Concrete. She is a Past Vice President and Board member of the ACI Ontario Chapter. She is an Associate Editor for the *ASCE Journal of Materials of Civil Engineering* and a member of ASTM Committees C01, Cement; and C09, Concrete and Concrete Aggregates.

Her research interests include concrete durability, transport processes, and the development of test methods.

Nokken received her BAsC and PhD in civil engineering from the University of Toronto, Toronto, ON, Canada, in 1999 and 2004, respectively. She is a professional engineer in Ontario.

Michael J. Paul is Lead Structural Engineer at Duffield Associates, Philadelphia, PA, and Wilmington, DE, where he has been involved in structural, architectural, and construction engineering on institutional, commercial, industrial, and waterfront projects since 2005.

He is a Past Chair of Committee 124, Concrete Aesthetics, for which he continues to edit the “Notable Concrete” series produced for ACI conventions and excerpted in *Concrete International*. He is a member of the ACI Marketing Committee and ACI Committees 120, History of Concrete; 229, Controlled Low-Strength Materials; 230, Soil Cement; 533, Precast Panels; and 555, Concrete with Recycled Materials. He is also a member of the American Society of Civil Engineers (ASCE), serving on the editorial panel of the *Journal of Leadership and Management in Engineering*, and ASTM International, serving on Committee E06, Performance of Buildings. He has contributed several articles to *Concrete International* on projects involving the renovation or restoration of historic concrete structures and served on the editorial panel for both volumes of *The Sustainable Concrete Guide*, published in 2010 by the U.S. Green Concrete Council.

He received his AB from Dartmouth College, Hanover, NH, and his MS in civil engineering and MArch from the Massachusetts Institute of Technology, Cambridge, MA, in 1973 and 1981, respectively. He is a licensed professional engineer in Pennsylvania, Delaware, New Jersey, and six other states; a registered architect in New Jersey; and a LEED Accredited Professional in building design and construction.

Victor Pizano-Thomen heads a design-build precast concrete factory in the Dominican Republic. Some of the design-build activities he has executed include precast prestressed concrete electrical transmission and electronic antenna towers and precast concrete low-cost housing.

A member of ACI since 1958, he was a founding member and Past President of the ACI Dominican Republic Chapter. He has been a member of Joint ACI-ASCE Committee 550, Precast Concrete Structures, since 1970. He is also a member of the American Society of Civil Engineers (ASCE). He has authored over 20 technical papers on precast concrete structures and has made five presentations at ACI conventions and numerous presentations in the Dominican Republic and Mexico on the seismic design of precast concrete structures.

Award Recipient Biographies

Pizano-Thomen received his degree in civil engineering from the University of Santo Domingo, Santo Domingo, Dominican Republic, and his MCE in civil engineering from Rensselaer Polytechnic Institute, Troy, NY, in 1957 and 1958, respectively. He is a licensed civil engineer in the Dominican Republic.

Santiago Pujol is an Associate Professor at Purdue University, West Lafayette, IN. He is a member of ACI Committee 314, Simplified Design of Concrete Buildings, and Joint ACI-ASCE Committees 441, Reinforced Concrete Columns; and 445, Shear and Torsion.

His research interests include earthquake engineering, seismic vulnerability of existing structures, displacement-based seismic design, instrumentation and testing of structures, and response of structures to impulsive loads.

Pujol received his BS from the Universidad Nacional de Colombia at Medellín, Medellín, Colombia, and his MS and PhD from Purdue University, West Lafayette, IN, in 1996, 1997, and 2002, respectively.

D. V. Reddy is a Professor of civil, environmental and geomatics engineering and Director of the Center for Marine Structures and Geotechnique at Florida Atlantic University, Boca Raton, FL. His professorial career exceeds 50 years, including appointments at several other universities.

He is a member of ACI Committees 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete; 341, Earthquake-Resistant Concrete Bridges; 544, Fiber-Reinforced Concrete; and 549, Thin Reinforced Cementitious Products and Ferrocement. He received the ACI Singapore Chapter Award for an Outstanding and Original Paper in 2009. He is also a member of the American Society of Civil Engineers (ASCE).

His research interests include computational and experimental structural mechanics and geomechanics; offshore and coastal structures; concrete technology, with a focus on supplementary cementitious materials; and corrosion- and fire-resistant structural concretes.

Reddy received his BE in civil engineering from the University of Madras, Chennai, India; his Diploma of the Imperial College of Science and Technology, London, UK; his MS in civil engineering from Northwestern University, Evanston, IL; and his PhD in structural engineering from the University of Liverpool, Liverpool, UK, in 1953, 1954, 1956, and 1960, respectively.

Christopher J. Robinson is Executive Director of the Construction Materials Engineering Council (CMEC), a training and accreditation agency based in Orlando, FL.

He is Chair of ACI Committees C601-C, Masonry Testing Technician; and C620, Laboratory Technician Certification. He is a member of ACI Committees C610, Field Technician Certification; C630, Construction Inspector Certification; C631, Concrete Transportation Construction Inspector Certification; and E905, Training Programs. He serves as an examiner for ACI certification programs in Florida and

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throughout the Caribbean. He is also a member of the American Society of Civil Engineers (ASCE) and ASTM International and serves on ASTM Committees C09, Concrete and Concrete Aggregates; C12, Mortars and Grouts for Unit Masonry; C15, Manufactured Masonry Units; and E36, Accreditation and Certification.

His research interests include training and certification of testing personnel and working to ensure the continued advancement of testing and inspection agencies in the areas of quality system development and accreditation.

Robinson received his BS and MS in civil engineering from the University of South Florida, Tampa, FL, in 1992 and 2000, respectively. He is a licensed professional engineer in Florida.

George Michael Robinson has been eastern region Territory Manager and Senior Technical Consultant for the Carolina Stalite Company in Rocky Mount, NC, for 25 years.

He is a member of ACI Committees 117, Tolerances; 211, Proportioning Concrete Mixtures; 213, Lightweight Aggregate and Concrete; 301, Specifications for Concrete; and 302, Construction of Concrete Floors.

His research interests include internal curing with lightweight aggregate.

Robinson received his BA in business management from Eckerd College, St. Petersburg, FL, in 1975.

Joseph C. Sanders is the Senior Vice President of Operations for Charles Pankow Builders, Ltd., a general building contractor specializing in concrete buildings based in Pasadena, CA, with offices in San Francisco and Honolulu.

He serves on the ACI Board of Direction and the ACI Strategic Development Council (SDC) Board of Directors. He is Chair of the ACI Concrete Research Council (CRC), the ACI Foundation, and the SDC Technology Management Committee (TMC). He is a member of the SDC Technology Transfer Advisory Group (TTAG); the ACI Construction Liaison Committee, the Responsibility in Construction Committee, and the Marketing Committee; ACI Committee 131, Building Information Modeling of Concrete Structures; and Joint ACI-ASCE Committee 550, Precast Concrete Structures. He is also a member of the American Society of Civil Engineers (ASCE). He was involved in the development and application of the precast hybrid moment resistant frame.

His research interests include new technologies.

Sanders received his BS in civil engineering from Purdue University, West Lafayette, IN, in 1979.

J. Edward Sauter has been Executive Director of the Tilt-Up Concrete Association and the Concrete Foundations Association for 20 years.

He is Chair of ACI Subcommittee 332-E, Residential Concrete Above-Grade Walls; is Secretary and Past Chair of ACI Committee C650, Tilt-Up Constructor Certification; is a member and Past Chair of ACI Committees 332, Residential

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Concrete Work, and 551, Tilt-Up Concrete Construction; and is a member of ACI Subcommittee 130-G, Education/Certification. He received the ACI Delmar L. Bloem Distinguished Service Award in 2005 and the ACI Certification award in 2008.

Sauter received his BArch from Iowa State University, Ames, IA, in 1972. He is a licensed professional architect in Iowa and is National Council of Architectural Registration Boards (NCARB) certified.

Martha G. VanGeem is self-employed as a Principal Engineer of Building Science and Green Technologies, Mount Prospect, IL. She serves as a Project Principal Investigator and Specialized Consultant in the areas of green buildings and infrastructure, energy efficiency, energy codes, thermal mass, and moisture mitigation.

She has investigated moisture problems and performed energy analyses and testing for numerous concrete steel- and wood-framed buildings. In the area of sustainability, she serves as Principal Investigator on LEED projects and others; she has developed environmental life-cycle inventories (LCIs) and life-cycle assessments (LCAs) of cement, concrete, and other construction products.

She is a member of ACI Committees 130, Sustainability of Concrete; and 207, Mass Concrete; and Joint ACI-TMS Committees 122, Energy Efficiency of Concrete and Masonry Systems; and 216, Fire Resistance and Fire Protection of Structures. She is also a member of the American Society of Civil Engineers (ASCE) and ASTM International. She presents on various aspects of green buildings and has authored over 100 articles, technical papers, and publications.

VanGeem received her BS in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, and her MBA from the University of Chicago, Chicago, IL, in 1976 and 1981, respectively. She is a licensed professional engineer in Illinois and a LEED Accredited Professional.

Nadim I. Wehbe is a Professor of civil and environmental engineering at South Dakota State University (SDSU), Brookings, SD, where he joined the faculty in January 1998. He was instrumental in establishing the Lohr Structures Laboratory for large-scale testing of structural elements and assemblies at SDSU. He serves as the SDSU Program Director of the Mountain-Plains Consortium University Transportation Center.

He is Chair of Joint ACI-ASCE Committee 441, Reinforced Concrete Columns, and a member of ACI Committees S803, Faculty Network Coordinating Committee; 341, Earthquake-Resistant Concrete Bridges; and 342, Evaluation of Concrete Bridges and Bridge Elements. He is also a member of the American Society of Civil Engineers (ASCE), a founding member of the ASCE-SEI Technical Group in South Dakota, and a member of the Precast/Prestressed Concrete Institute (PCI).

His research interests include the performance of concrete bridges under extreme loads, structural applications of self-consolidating concrete, composite concrete/light-gauge steel structures, and durability of concrete pavement.

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Wehbe received his BE in civil engineering from the American University of Beirut, Beirut, Lebanon, and his MS and PhD in civil engineering from the University of Nevada, Reno, NV, in 1980, 1992, and 1997, respectively. He is a licensed professional engineer in South Dakota.

Jeffrey S. West is an Associate Professor and Associate Chair of Undergraduate Studies in the Department of Civil and Environmental Engineering at the University of Waterloo, Waterloo, ON, Canada. He is also the Associate Director, Technical Activities, for the Centre for Pavement and Transportation Technology (CPATT) at Waterloo. He has been involved with structural engineering, materials research, and consulting for 20 years.

He is Chair of ACI Committee 224, Cracking, and a member of ACI Committees 130, Sustainability of Concrete; 222, Corrosion of Metals in Concrete; and 437, Strength Evaluation of Existing Concrete Structures.

His research interests include the use of recycled materials in concrete, accelerated bridge construction, assessment and repair of deteriorated concrete infrastructure, and automated construction progress tracking. He has authored more than 60 technical publications for refereed journals, reports, and conferences.

West received his BSc and MSc in civil engineering from the University of Manitoba, Winnipeg, MB, Canada, and his PhD in civil engineering from the University of Texas at Austin, Austin, TX, in 1991, 1994, and 1999, respectively. He is a licensed professional engineer in Ontario and Texas (inactive).

ARTHUR R. ANDERSON MEDAL

Terence C. Holland is a Concrete Materials Consultant living in Auburn Township, OH. Previously, Holland was Director of Engineering in the Admixture Division of Master Builders Inc., Cleveland, OH. He was also an Officer in the U.S. Army Corps of Engineers in Vietnam and Korea and a Civilian Research Engineer with the Corps at its Structures Laboratory at the Waterways Experiment Station, Vicksburg, MS.

Holland is a past member of the ACI Board of Direction and was elected ACI President in 2002. He is also a Past Chair of the Technical Activities Committee; his 3-year tenure as Chair concluded in March 2000. He is a member and Past Chair of ACI Committee 234, Silica Fume in Concrete, and is a member of ACI Committees 130, Sustainability of Concrete; 304, Measuring, Mixing, Transporting, and Placing Concrete; and 318, Structural Concrete Building Code. He is a past member of the Board Advisory Committee on Sustainable Development, the Publications Committee, the Construction Liaison Committee, the TAC Technology Transfer Committee, the TAC Metrication Committee, the Financial Advisory Committee, and ACI Committees 363, High-Strength Concrete, and 546, Repair of Concrete. Holland is also a member of several professional societies.

In 2011, Holland was bestowed ACI Honorary Membership. In 1991, he received the ACI Construction Award for his paper on silica fume applications in the U.S., which was published in SP-114, *Fly Ash, Silica Fume, Slag, and Natural*

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Pozzolans in Concrete. In 1997, he received the Delmar L. Bloem Distinguished Service Award for his work with ACI Committee 234, Silica Fume in Concrete, and other technical committees. In addition, organizers of a CANMET/ACI International Conference honored Holland's contributions related to condensed silica fume use. In 2007, a symposium on advances in concrete technology was held in his honor in Warsaw, Poland.

A graduate of the U.S. Military Academy, West Point, NY, he received his MEng and DEng in civil engineering from the University of California, Berkeley, Berkeley, CA, in 1974 and 1983, respectively.

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

William M. Klorman is the President, CEO, and Founder of W.M. Klorman Construction Corporation established in 1980 and located in Woodland Hills, CA.

He is a licensed General Contractor, Concrete Contractor, and registered Deputy Inspector for Reinforced Concrete who specializes in design-build concrete buildings and structures and has been personally involved in the design and construction of more than 300 existing commercial structures over 30 years.

Klorman is an ACI Fellow and is active on local and national levels. He is a Past Chair and member of the Responsibility in Concrete Construction Committee, the Construction Liaison Committee, and the Joint ACI-ASCC Task Group to Address Contractor Needs. He is a member of ACI Committees 131, Building Information Modeling of Concrete Structures; and 349, Concrete Nuclear Structures. He is also a member of the Strategic Development Council's ATI Team for Building Information Modeling and a member of the Applied Technologies Council's Project 81 Strategic Development Plan for IFCs in Cast-in-Place Concrete.

He is a past member of ACI Committee 350, Environmental Engineering Concrete Structures, and ACI Subcommittee 301-E, Post-Tensioned Concrete. He was published in *Concrete International* for his case study of an internally post-tensioned concrete water reservoir for California Polytechnics University, San Luis Obispo, CA; contributed to *The Sustainable Concrete Guide—Applications*, published by the U.S. Green Concrete Council, in which he co-authored Chapter 9, Planning and BIM (Building Information Management); and his article "BIM: Leveraging Integration—Modeling a Confederated BIM at LAX's New Tom Bradley International Terminal" was published in *Structure* magazine.

He regularly lectures and is a guest speaker for various industry groups and universities around the country, where he presents and teaches concrete construction and building information modeling.

JOE W. KELLY AWARD

Andrea J. Schokker is the Executive Vice Chancellor for Academic Affairs at the University of Minnesota Duluth (UMD). She recently moved to this position from her position as the founding Department Head of Civil Engineering at UMD. Prior to moving to UMD in 2008, Schokker was at Pennsylvania State University for 9 years.

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Schokker is an ACI Fellow and is Chair of ACI Committee 130, Sustainability of Concrete. She is also a member of the ACI Educational Activities Committee, and ACI Committees 222, Corrosion of Metals in Concrete; and 224, Cracking, ACI Subcommittee 318-G, Prestressed and Precast Concrete, and Joint ACI-ASCE Committee 423, Prestressed Concrete. Schokker served on the ACI Board of Direction from 2009 to 2011 and is a Past Chair of the ACI Chapter Activities Committee, the ACI Student and Young Professional Activities Committee, ACI Committee S803, the Faculty Network Coordinating Committee, and Joint ACI-ASCE Committee 423, Prestressed Concrete. She is a past member of the ACI International Committee and the ACI Membership Committee. Schokker received both the Young Member Award for Professional Achievement and the Educational Committee Member of the Year Award in 2004.

Schokker's research interests include design- and construction-related improvements for durable post-tensioned structures. She received her BS and MS in civil engineering (structures focus) from Washington University, St. Louis, MO, in 1993 and 1994, respectively. She received her PhD in 1999 from the University of Texas at Austin, Austin, TX.

HENRY L. KENNEDY AWARD

Claude Bédard is President of Euclid Admixture Canada Inc., St. Hubert, QC, Canada, and Vice President of International Accounts for The Euclid Chemical Company, Cleveland, OH. He began his career as a Concrete R&D Engineer with Canada Cement Lafarge, Ltd. He joined Euclid Admixture Canada Inc. in 1992 as General Manager with the responsibility for the startup of Euclid's business activities in Canada. Bédard was named President of Euclid Admixture Canada Inc. in 1996 and continues to drive the geographical expansion of the business unit.

Bédard is an ACI Fellow and twice served as President of the ACI Eastern Ontario and Quebec Chapter. He is a Past Chair of the ACI Foundation and the Strategic Development Council. He is a member of the ACI Financial Advisory Committee, the ACI International Committee, the ACI International Partnerships and Publications Subcommittee, and the ACI Strategic Planning Task Group. He is also a member of ACI Committees 211, Proportioning Concrete Mixtures; 212, Chemical Admixtures; and 237, Self-Consolidating Concrete. He is a consulting member of the Strategic Development Council's Technology Transfer Advisory Group.

Bédard represents The Euclid Chemical Company on the ACI Strategic Development Council (SDC) and is involved with numerous concrete associations. He is a Past Chair of the Canadian Standards Association (CSA) Technical Committee on Concrete, CSA A23.1/2, and serves on the CSA Standards Policy Board. He is a member of the Canadian National Research Council Institute for Research in Construction Advisory Board and the RMC Foundation Technical Advisory Committee. Bédard is a past member of the ACI Board of Direction and the CSA Group Board of Directors.

He received his bachelor's, master's, and PhD degrees in civil engineering from the University of Sherbrooke, Sherbrooke, QC, Canada, in 1981, 1983, and 2005, respectively, and is a licensed civil engineer in Quebec.

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HENRY C. TURNER MEDAL

Robert G. Smith retired from Erico International, Cleveland, OH, in 2008. He was Vice President of Sales and a Board member. Prior to joining Erico in 1948, he worked for American Telephone and Telegraph, New York. He also served in the Army Air Corps flying anti-sub patrols.

Smith became an ACI Fellow in 1989 and is a member of ACI Committees 355, Anchorage to Concrete, and 439, Steel Reinforcement.

Smith attended Alfred University, Alfred, NY, and is a life member of the American Society of Civil Engineers (ASCE).

ACI DISTINGUISHED ACHIEVEMENT AWARD

The **Cement Council of Texas (CCT)** promotes the sustainable use of cement and concrete, including concrete pavements, soil cement, and high-performance building systems. CCT—celebrating 25 years this March—was incorporated by Texas cement shippers in 1987.

CCT has organized hundreds of conferences, seminars, and presentations over the past 25 years, training countless industry professionals on state-of-the-art practices. Most significantly, CCT and the Texas Department of Transportation (TxDOT) have produced a biennial concrete conference, presenting paving and bridge advances to hundreds of TxDOT engineers, contractors, and consultants, since 2000. In the past year alone, CCT has offered multiple seminars on mainline paving, parking lots, pervious concrete, soil cement, and roller-compacted concrete (RCC). These have extensively used ACI documents produced by ACI Committees 230, Soil Cement; 325, Concrete Pavements; 327, Roller-Compacted Concrete Pavements; 330, Concrete Parking Lots and Site Paving; and 522, Pervious Concrete.

CCT has promoted and influenced numerous construction initiatives, including the installation of three phases of RCC pavement at the Port of Houston's Bayport Terminal, collectively the largest placement of RCC pavement in the U.S.; and the construction of over 100 low-income insulated concrete form homes, financed with HUD Community Development funds, in Lubbock, TX. CCT has also promoted the implementation of full-depth reclamation of asphalt pavements as a standard sustainable practice in numerous Texas agencies, including TxDOT and the cities of Fort Worth and Dallas, and has ensured that economical, long-lasting concrete paving alternatives are developed for recent local toll road projects in east Texas and the Rio Grande Valley, where asphalt roads are normally installed.

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

Arturo Gaytan Covarrubias is a Process Management and Component Analysis Manager at the CEMEX Cement and Concrete Technology Center in Mexico City, Mexico. He has worked for CEMEX for 9 years. He has also authored or co-authored various technical papers and reports in Mexico, Latin America, Europe, and Australia.

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He is the Student Chapter Director of the ACI Central and Southern Mexico Chapter. He is a member of ACI Committees 121, Quality Assurance Systems for Concrete; and 130, Sustainability of Concrete, and ACI Subcommittee 130-D, Rating Systems/Sustainability Tools. He is also Chair of TC 59 SC 17, Sustainability of Building Construction; and TC 71 SC 8, Environmental Management for Concrete and Concrete Structures, for the Mexican group of ISO standards. He is Past President of the Autonomous National University of Mexico ACI Student Chapter. He is also a member of the American Society of Civil Engineers (ASCE). He received third place in the ACI FRP Composites Competition in Toronto, ON, Canada, in 2000.

His research interests include sustainable construction, integrated management systems for concrete production, and the use of fiber-reinforced polymers in civil engineering works.

Covarrubias received his BS in civil engineering from the Autonomous National University of Mexico, Mexico City, Mexico, in 2002, and his MS in quality and productivity from Monterrey Tech at Mexico City, Mexico City, Mexico, in 2009.

Eric P. Koehler is Vice President of R&D for Verifi LLC, which is majority-owned by W.R. Grace & Co. He joined W.R. Grace in 2007, starting as an R&D engineer in concrete admixture formulation development. He has been at Verifi since 2010 and is responsible for the development of concrete truck-mounted equipment for in-transit control of concrete properties.

He is Chair of ACI Committee 238, Workability of Fresh Concrete, and a member of ACI Committees 211, Proportioning Concrete Mixtures; 221, Aggregates; 236, Material Science of Concrete; 237, Self-Consolidating Concrete; and 522, Pervious Concrete. He is also a member of ASTM International.

His research interests include concrete rheology, self-consolidating concrete, new sensing technology for concrete, mixture proportioning, aggregates, and pervious concrete. He was an original developer of the ICAR rheometer, which is a portable rheometer for concrete.

He received his BS in civil engineering from Clemson University, Clemson, SC, in 2002, and his MS and PhD in civil engineering from the University of Texas at Austin, Austin, TX, in 2004 and 2007, respectively.

Aleksandra Radlińska is an Assistant Professor in the Department of Civil and Environmental Engineering at Villanova University, Villanova, PA. She has been a faculty member at the university since August 2004, where she teaches introductory undergraduate and graduate courses that relate the fundamentals of materials science with applications to civil engineering. She has authored or co-authored over 30 peer-reviewed papers and reports.

Radlińska is Secretary of ACI Committee 123, Research and Current Developments, and is a member of ACI Committee 236, Material Science of Concrete. She recently co-edited ACI SP-270, *Advances in the Material Science of Concrete*. She serves as a Faculty Advisor of the university's ACI Student Chapter, which she founded in 2009. She is also a member of the ACI Eastern Pennsylvania and

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Delaware Chapter and the American Society of Civil Engineers (ASCE).

Radlińska's research interests include engineering materials for sustainability; alternative, low-CO₂ binders for concrete construction; and reliability-based design and analysis of construction materials.

She received her BS and MS in civil engineering from the West Pomeranian University of Technology, Szczecin, Poland, in 2004, and her PhD in civil engineering from Purdue University, West Lafayette, IN, in 2008.

WASON MEDAL FOR MOST MERITORIOUS PAPER

Hai H. Dinh is a Civil Engineer III working for nearly 3 years for Moffatt and Nichol Engineers, Walnut Creek, CA. Dinh received his BS in civil engineering from the University of Architecture, Vietnam, in 1999, and his MSE and PhD in structural engineering from the University of Michigan, Ann Arbor, MI, in 2006 and 2009, respectively. His research interests include fiber-reinforced concrete and its application to structures. He is also interested in the structural behavior of long-span bridges under extreme loading conditions.

Gustavo J. Parra-Montesinos, FACI, is an Associate Professor of Structural Engineering in the Civil and Environmental Engineering Department at the University of Michigan, Ann Arbor, MI. He joined the faculty as Assistant Professor in 2000, and was promoted to Associate Professor in 2006. Since 2001, he serves as Director of the University of Michigan Structural Engineering Laboratory.

Parra-Montesinos was the recipient of the 2006 ACI Young Member Award for Professional Achievement and the 2011 Chester Paul Siess Award for Excellence in Structural Research. He is Chair of ACI Committee 335, Composite and Hybrid Structures, and a member of ACI Committee 318, Structural Concrete Building Code, and Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures. He is also a member of the ACI Publications Committee and ACI Subcommittees 318-D, Flexure and Axial Loads: Beams, Slabs, and Columns; 318-R, Code Reorganization; and 318-S, Spanish Translation, and an Associate Member of ACI Committee 544, Fiber-Reinforced Concrete. Parra-Montesinos is a member of the American Society of Civil Engineers (ASCE), from which he received the 2010 Walter L. Huber Research Prize.

He received his BS in civil engineering from Universidad Metropolitana, Caracas, Venezuela, in 1994, and his MS and PhD from the University of Michigan in 1997 and 2000, respectively. His main research interests include the behavior and design of reinforced concrete structures and structural applications of fiber-reinforced concrete, with emphasis on earthquake-resistant structures.

James K. Wight, FACI, FASCE, is the Frank E. Richart, Jr. Collegiate Professor of Civil Engineering at the University of Michigan, Ann Arbor, MI. He is currently the Senior Vice President of ACI. He is a past Chair of ACI Committee 318, Structural Concrete Building Code, and the ACI Technical Activities Committee. Wight is a past Chair and member of Joint ACI-ASCE Committee 352, Joints and

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Connections in Monolithic Concrete Structures, and a member of Joint ACI-ASCE Committee 445, Shear and Torsion. He has been the recipient of several awards, including the Delmar L. Bloem Award for Distinguished Service, 1991; the Joe W. Kelly Award, 1999; the Arthur Y. Moy Award from the ACI Greater Michigan Chapter, 2000; the Arthur J. Boase Award, 2002; the Structural Research Award, 2003; the Alfred E. Lindau Award, 2008; and the Chester P. Seiss Award for Excellence in Structural Research, 2009.

He received his BSE in civil engineering and his MSE in civil engineering from Michigan State University, East Lansing, MI, in 1969 and 1970, respectively, and his PhD in civil engineering (structures), University of Illinois, 1973. His primary research interests include earthquake-resistant design of reinforced concrete structures and design of concrete structures using high-performance fiber-reinforced concrete.

ACI CONSTRUCTION AWARD

Eric S. Peterson is a Senior Superintendent for Webcor Builders, Alameda, CA. Starting as a construction carpenter and a certified welder, he has over 38 years of experience in the construction industry. This experience includes over 20 years as a superintendent and project manager, building structural and architectural concrete projects which have included treatment facilities, bridges, high-rise structures, hospitals, transportation facilities, and seismic retrofits of transportation and manufacturing facilities.

Peterson is a member of ACI Committees 117, Tolerances; 237, Self-Consolidating Concrete; and 347, Formwork for concrete. He is also a member of ASTM International.

WASON MEDAL FOR MATERIALS RESEARCH

Mike Benjamin Otieno is a PhD Candidate in the Concrete Materials and Structural Integrity Research Unit in the Department of Civil Engineering at the University of Cape Town, Rondebosch, South Africa. He has authored and co-authored a number of journal and conference papers.

Otieno is a student member of ACI and an Associate Member of ACI Committee 201, Durability of Concrete.

He received his BSc in civil engineering from the University of Nairobi, Kenya, in 2006, and his MSc Eng from the University of Cape Town in 2008. Otieno has worked with a number of civil engineering consulting firms in Kenya and Australia. His research interests include concrete durability, service life prediction, and repair and rehabilitation of corrosion-affected reinforced concrete structures.

Mark G. Alexander has been a Professor of Civil Engineering at the University of Cape Town, Rondebosch, South Africa, since 1992. Prior to that, he was a faculty member at the University of the Witwatersrand, Johannesburg, from which he received his BSc Eng, MSc Eng, and PhD in 1972, 1975, and 1986, respectively.

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He is a licensed professional engineer. He teaches and researches in cement and concrete materials engineering, particularly relating to design and construction. He has published extensively both in South Africa and abroad, and is active in international scientific circles. He is currently President-Elect of RILEM. He co-authored *Aggregates in Concrete* (2005) and *Alkali-Aggregate Reaction and Structural Damage to Concrete* (2011), both published by Taylor and Francis. His research interests include concrete durability, including issues of repair and rehabilitation of deteriorated concrete structures.

Hans Beushausen is a Senior Lecturer in the Department of Civil Engineering, University of Cape Town, Rondebosch, South Africa.

He is the Chairman of RILEM TC 230 PSC, (Performance-Based Specification and Control of Concrete Durability) and Task Group Co-Convener of *fib* TG 8.10, Performance Specifications for Concrete.

He received his Dipl.-Ing. degree in civil engineering from the University of Applied Sciences Hamburg, Germany, in 1998, and his MSc Eng and PhD degrees in structural engineering from the University of Cape Town in 2000 and 2005, respectively.

His research interests include structural concrete properties; concrete materials engineering; and the design of reinforced concrete structures, with a focus on concrete durability issues and concrete repair.

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

Kyoung-Kyu Choi is an Assistant Professor in the School of Architecture at Soongsil University, Seoul, South Korea. He has authored or co-authored over 80 technical papers and reports.

He is an Associate Member of ACI Committees 440, Fiber-Reinforced Polymer Reinforcement; 548, Polymers and Adhesives for Concrete; and Joint ACI-ASCE Committee 445, Shear and Torsion. He is also a member of the Korea Concrete Institute (KCI). He received the KCI Young Researcher Award in 2001 and the ACI Chester Paul Siess Award for Excellence in Structural Research in 2009.

Choi's research interests include shear and seismic design of reinforced concrete structures, fiber-reinforced concrete, and polymer-modified concrete. He received his BS, MS, and PhD in architectural engineering from Seoul National University in South Korea in 1999, 2001, and 2004, respectively. He is a registered architectural engineer in South Korea.

Hong-Gun Park is a Professor in the Department of Architecture & Architectural Engineering at Seoul National University, Seoul, South Korea, where he has served on the faculty since 1997. He is also the Director of the Center for Creative Technology Development for Sustainable Construction. He has authored or co-authored over 130 technical papers and reports.

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Park is a member of ACI and the American Society of Civil Engineers (ASCE). He received the ACI Chester Paul Siess Award for Excellence in Structural Research in 2009.

Park received his BS and MS in architectural engineering from Seoul National University, Seoul, South Korea, in 1985 and 1987, respectively, and his PhD in civil engineering from the University of Texas at Austin, Austin, TX, in 1994. He is a registered professional engineer in South Korea. His research interests include earthquake design of reinforced concrete and composite structures, material model for nonlinear analysis, evaluation of existing building structures, and environmentally friendly cementitious materials.

ACI DESIGN AWARD

Denis Mitchell is a James McGill Professor in the Department of Civil Engineering and Applied Mechanics at McGill University in Montreal, QC, Canada.

He is an ACI Fellow and a member of the American Society of Civil Engineers (ASCE) and Prestressed/Precast Concrete Institute (PCI). He is a member of the ACI Board of Direction, ACI Subcommittee 318-B, Reinforcement and Development, and Joint ACI-ASCE Committees 408, Development and Splicing of Deformed Bars (Past Chair), and 445, Shear and Torsion. He is Chair of the Canadian Standards Committee for the Design of Concrete Structures and participates in the development of international codes and design guidelines.

Mitchell has received a number of awards for his research from ACI, PCI, ASCE, the Canadian Society for Civil Engineering, the Canadian Standards Association, the Engineering Institute of Canada, and the Institution of Structural Engineers. In 2004, he was elected to the Royal Society of Canada.

Mitchell received his BAsC in 1969, MASc in 1971, and PhD in 1974 from the Department of Civil Engineering at the University of Toronto, Toronto, ON, Canada. His research interests include the behavior of reinforced and prestressed concrete structures, shear and torsion design, the structural performance of elements made with high-performance concrete, seismic design, and preventing progressive collapse of slab structures.

William D. Cook is a Research Associate in the Department of Civil Engineering and Applied Mechanics at McGill University, Montreal, QC, Canada.

Cook received his BEng, MEng, and PhD degrees in civil engineering from McGill University in 1979, 1981, and 1987, respectively.

His research interests include the design of regions near discontinuities and predicting the nonlinear response of reinforced and prestressed concrete structures. He has authored many technical papers on the design and structural response of reinforced concrete elements.

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Ting Peng was a Graduate Student in the Department of Civil Engineering at McGill University, Montreal, QC, Canada.

Peng received her bachelor's degree in building engineering from Concordia University, Montreal, QC, Canada, in 2007, and her master's degree in civil engineering from McGill University in 2009.

Her research interests include the investigation of the behavior of disturbed regions in dapped-end beams.

DELMAR L. BLOEM DISTINGUISHED SERVICE AWARD

Will Hansen has been a Faculty Member in the Department of Civil and Environmental Engineering at the University of Michigan, Ann Arbor, MI, since 1982. Between 1990 and 1992, he was Professor of Building Materials at the Institute of Building Technology and Structural Engineering at Aalborg University, Aalborg, Denmark. Hansen teaches courses in materials, mechanics of materials, and pavement analysis and design.

He has been a member of the Center for Advanced Cement-Based Materials (ACBM) since 1989 and is currently the Director for the MDOT Center for Concrete Pavement Performance.

In 1989, he was awarded the Masuda International Foundation Fellowship from Kobe University, Kobe, Japan, and received the Civil Engineering Department Research Award in 1995 and 1996. He was also the ASCE Student Chapter Teacher of the Year in 1996 and 1997.

Donald F. Meinheit is a Retiree of Wiss, Janney, Elstner Associates, Inc., Chicago, IL. He retired as a Principal in 2006 after a 27-year career. He is now an Affiliated Consultant with the company, working part-time and providing as-needed consulting and mentoring.

Meinheit is Chair of ACI Committee 355, Anchorage to Concrete, and a member of ACI 533, Precast Panels. He is also a Past Chair of Joint ACI-CRSI Committee C601A (now Joint ACI-CRSI Committee C680), Adhesive Anchor Installer Certification, and a past member of ACI Committee 301, Specifications for Concrete, and Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures. Meinheit is a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI). He received the ACI Construction Practice Award in 1986 and the ACI Illinois Chapter Henry Crown Award in 2010.

His research interests include welded headed stud anchors, post-installed mechanical expansion anchors, sandwich wall panel shear connectors, and flange-to-flange connectors for precast/prestressed double tees, and concrete anchor design and behavior.

Meinheit received his BSCE from Purdue University, West Lafayette, IN, in 1966, and his MS in structural engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1968. After working at the Portland Cement Association Research and Development Laboratories for a few years, he returned to school at the University of Texas at Austin, Austin, TX, receiving his PhD in structural engineering in 1977.

Award Recipient Biographies

Matthew Offenberg is a Technical Service Manager for W.R. Grace and is responsible for the southeastern U.S. He has served for over 15 years as a Civil Engineer within the concrete industry, publishing over 10 technical papers and articles during his career and maintaining a technical blog on pervious concrete, with readers in over 100 countries.

He is Chair of ACI Committee 522, Pervious Concrete, and is Co-Chair of ACI Subcommittee 130-B, Production/Transport/Construction. He is also a member of ASTM International. In 2007, he won the ACI Wason Medal for Most Meritorious Paper for his article on pervious concrete construction techniques. In 2008, he received the ACI Young Member Award for Professional Achievement.

As an internationally acclaimed pervious concrete expert, he is invited to speak throughout the U.S. and around the world on this sustainable paving technology.

He received his BS and MS in civil engineering from Purdue University, West Lafayette, IN, in 1995 and 1996, respectively. He is a licensed professional engineer in Florida and Arizona.

CHAPTER ACTIVITIES AWARD

Susanne Flood has been President of Flood Testing Laboratories, Inc., Chicago, IL, since 1997, devoting her entire life to the family-run business, learning about the construction business through hands-on experience.

Flood was active in the planning and implementation of the ACI Spring 2010 Convention held in Chicago, IL—one of the most highly attended conventions in ACI history.

She is involved with the ACI student competitions and is also a member of the ACI Strategic Development Council (SDC).

Flood received her BA in English literature from Northwestern University, Evanston, IL, in 1970.

Darlene C. Lane worked for the Cement Association of Canada (formerly the Canadian Portland Cement Association) for 23 years from 1985 to 2009 as the Administrative Assistant to the Vice President of the Western Canada Region.

She has been the Secretary/Treasurer for the ACI British Columbia Chapter since 1986. She served as Secretary on two Local Chapter Convention Committees for conventions held in Vancouver, BC, Canada, in 1993 and 2003.

J. R. Maurice Marcil is a Professional Engineer and Principal of Consultants at Sodexcon Inc., Laval, QC, Canada. Marcil taught concrete design at Sherbrooke University, Sherbrooke, QC, Canada, from 1963 to 1965, and at ETS University, Montreal, QC, Canada, from 1992 to 1995. He was also General Manager of the Canadian Portland Cement Association (CPCA) from 1974 to 1986.

His involvement with ACI local chapter activities began in 1976, when he was elected Director of the ACI Quebec and Eastern Ontario Chapter, later becoming Vice President and then President of the Chapter. Marcil served as Secretary/Treasurer in 1982 on a voluntary basis but was hired by the Chapter in

Award Recipient Biographies

1991. He is currently General Manager for the Chapter, a position that was created in 2005.

He received his Baccalaureate in Applied Sciences (civil engineering) from Sherbrooke University in 1962.

Lawrence H. Taber is a Lead Structural Engineer in the Water Division of the Black & Veatch Corporation, Kansas City, MO. He has been with Black & Veatch since 2001, designing numerous concrete, masonry, and steel structures and buildings, primarily for water, wastewater, and hydropower facilities. He is also involved with condition assessments, construction phase services, and structural inspections.

Taber is a Past President and current member of the ACI Missouri Chapter and currently serves as a Director on the ACI Kansas Chapter's Board of Direction. He is Chair of ACI Subcommittee 308-A, Guide to Curing, and is a member of the ACI Educational Activities Committee, the ACI Convention Committee, the ACI Student and Young Professional Activities Committee, and ACI Committees E702, Designing Concrete Structures; 120, History of Concrete; and 308, Curing Concrete. He is also a member of the ACI Young Member Award for Professional Achievement Committee and ACI Subcommittee 308-B, Curing Specifications. He is a Past Chair and current member of ACI Committee S801, Student Activities. He also served as Co-Chair of the relocated Fall 2005 ACI Convention in Kansas City, MO, and was the Co-Chair of the Student Activities Subcommittee for the Fall 2008 ACI Convention in St. Louis, MO. Taber received the ACI Young Member Award for Professional Achievement in 2007 and the ACI Missouri Chapter Person of the Year Award in 2006.

Taber received his BS in civil engineering in 2000 and his MS in civil engineering in 2001 with an emphasis in structural engineering from the University of Missouri-Rolla, Rolla, MO. His master's thesis dealt with concrete-reinforcement bond and the effect of contaminants. He is currently a licensed professional engineer in Missouri, Texas, Indiana, and Georgia.

WALTER P. MOORE, JR. FACULTY ACHIEVEMENT AWARD

John T. Kevern is an Assistant Professor in the Department of Civil Engineering at the University of Missouri-Kansas City, Kansas City, MO. He has authored over 60 journal articles, papers, and reports and has been invited numerous times to present at U.S. and international conferences.

Kevern is a member of ACI Committees 120, History of Concrete; 130, Sustainability of Concrete; and 522, Pervious Concrete. He also helped develop and pilot the ACI Pervious Concrete Student Competition for ACI Committee S801, Student Activities. He is also a member of the American Society of Civil Engineers (ASCE) and ASTM International.

His research interests include pervious concrete roadways for noise reduction and improved skid resistance, biomechanical investigation into pavement characteristics, investigating sawing technique on concrete microstructure and joint durability, and water quality improvement using photocatalytic cement.

Award Recipient Biographies

He received his BS in civil engineering from the University of Wisconsin-Platteville, Platteville, WI, in 2004, and his MS and PhD in civil engineering from Iowa State University, Ames, IA, in 2006 and 2008, respectively.

ACI CERTIFICATION AWARD

Casimir J. Bognacki is the Chief of Materials Engineering at The Port Authority of New York and New Jersey. He has over 30 years of experience in construction materials and is currently responsible for managing the inspection and testing services for these materials and investigating and incorporating the latest in materials technology into construction and maintenance work at Port Authority facilities.

He is an ACI Fellow and a member of ACI Committees 121, Quality Assurance Systems for Concrete; 211, Proportioning Concrete Mixtures; 212, Chemical Admixtures; 304, Measuring, Mixing, Transporting, and Placing Concrete; and 562, Evaluation, Repair, and Rehabilitation of Concrete Buildings. He is also a Past Chair of ACI Committee 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete. He is President of the ACI New York City Chapter and has authored several technical papers. Additionally, Bognacki is a member of ASTM International. He received the ACI Chapter Activities Award in 2009.

Bognacki received his BS and MS in civil engineering from the Polytechnic University of New York, Brooklyn, NY, in 1972 and 1975, respectively.

Jon W. Delony is a Consulting Civil Engineer and General Contractor in the state of Washington. He worked for the Portland Cement Association for 10 years and the Northwest Concrete Promotional Group for 7 years as a Concrete Field Engineer and Concrete Paving Engineer, providing design, construction, and educational services to engineers, architects, and contractors in Washington, Oregon, Idaho, Montana, and Alaska.

He has been in private practice since 1993, specializing in concrete pavement and concrete slab-on-ground design, construction, distress and failure analysis, and expert witness services. He is also a General Contractor, specializing in concrete slab-on-ground construction.

He received his BS in civil engineering and his BS in geology from Washington State University, Pullman, WA, in 1970 and 1972, respectively.

Before his recent death in September 2011, **Butch Wyatt** was a native of Birmingham, AL. After serving 30 years in the U.S. National Guard as a Lieutenant Colonel, he retired in 1997. In 2000, Wyatt became the Masonry Director for the Alabama Concrete Industries Association. He was responsible for promotion and certification within the masonry industry from Florida through Alabama and Mississippi and into Arkansas. He had been responsible for the ACI Certification program for the entire state of Alabama since 2007. He instructed between 12 to 15 programs per year, administering more than 1500 exams. Wyatt received his BS from Athens State University, Athens, AL.

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ACI selects the winners of its annual awards through an open nomination process. ACI members can participate in the Honors and Awards Program by nominating worthy candidates for award consideration. Nomination forms can be found on the ACI Web site, www.concrete.org, or by contacting Diane Pociask at Diane.Pociask@concrete.org.