2016
Awards Program

April 17 • Wisconsin Center • Milwaukee, WI

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2016 Listing of Awardees

The following persons/organization will be receiving awards at The ACI Concrete Convention and Exposition – Spring 2016 in Milwaukee, WI. A total of 103 awardees will be recognized.

HONORARY MEMBERSHIP

John A. Bickley
David Darwin
Vitervo Asdrúbal O'Reilly Diaz (recently deceased)
W. Calvin McCall
Cloyd E. (Joseph) Warnes

50-YEAR MEMBERSHIP

Robert B. Anderson
P. V. Banavalkar
Edwin G. Burdette
Domingo J. Carreira
Carlos Alfredo Casabonne Rasselet
Pinaki R. Chakrabarti
Harold R. Cohen
Norberto Davila
James T. Dikeou
Kenneth F. Dunker
Thomas Fitzpatrick
Allan V. Fozzard
Robert E. Griffith, Jr.
Stanley D. Lindsey
Robert E. Loov
Donald F. Meinheit
Vilas Mujumdar
Ben G. Olson
William F. Perenchio
Avanti Shroff
George Somerville
Ado Valge
Thomas M. Velloff
William J. Wilhelm
Lawrence F. Yasinko

FELLOWS

Riadh Saleh Al-Mahaidi
Charles E. Bakis
Karl J. Bakke
Katie J. Bartojay
Van Bui
John P. Busel
John K. Conn
Garth Fallis
Chris A. Forster
Werner Fuchs
Zachary C. Grasley
Joe Hug
Michael C. Jaycox
Steven C. Jaycox
John Jones
David Kerins
John T. Kevern
Yail Jimmy Kim
Gary F. Knight
Carl J. "Chuck" Larosche
Marjorie M. Lynch
Steve Morrical
Mohamad Nagi
Larry Rowland
Genaro L. Salinas
Lesley H. Sneed
Caroline Talbot
Jennifer Tanner
Peter C. Taylor
Carlos Videla Cifuentes

ARTHUR R. ANDERSON MEDAL

Colin L. Lobo

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

James N. Cornell, II

JOE W. KELLY AWARD

Frank J. Vecchio

HENRY L. KENNEDY AWARD

Lawrence F. Kahn

ALFRED E. LINDAU AWARD

Jorge I. Segura

2016 Listing of Awardees

HENRY C. TURNER MEDAL
Instituto del Cemento y del Hormigón de Chile (ICH)

CHARLES S. WHITNEY MEDAL
Gary J. Klein • Gregory W. Lucier • Sami Hanna Rizkalla • Paul Zia

CEDRIC WILLSON LIGHTWEIGHT AGGREGATE CONCRETE AWARD
Erik Holck

ACI CERTIFICATION AWARD
Alejandro Durán Herrera • Joe Hug • John R. Wilson

ACI CONCRETE SUSTAINABILITY AWARD
John W. Roberts • Larry Rowland • Alan Sparkman

ACI DISTINGUISHED ACHIEVEMENT AWARD
Wisconsin Ready Mixed Concrete Association

ACI EDUCATION AWARD
Lance Boyer • Jay H. Paul

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT
Zachary C. Grasley • Ishita Manjrekar

WASON MEDAL FOR MOST MERITORIOUS PAPER
Rémy D. Lequesne • José A. Pincheira

ACI CONSTRUCTION AWARD
Ahmed Mohamed El Magdoub • Whitney Morris • Ahmed Osman

ACI DESIGN AWARD
Weng Yuen Kam • Roberto T. Leon • Stefano Pampanin

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH
Yihai Bao • H. S. Lew • Santiago Pujol • Mete A. Sozen

WASON MEDAL FOR MATERIALS RESEARCH
Delia de Leon Guajardo • Hamid Farzam • Hugh H. Wang

DELMAR L. BLOEM DISTINGUISHED SERVICE AWARD
Jeffrey W. Coleman • Mary Beth Deisz Hueste • Barzin Mobasher • Sri Sritharan

CHAPTER ACTIVITIES AWARD
Xiomara Sapon-Roldan • Jeffrey Tanabe

WALTER P. MOORE, JR. FACULTY ACHIEVEMENT AWARD
Gaurav N. Sant

CHAPTER AWARDS—CITATIONS OF EXCELLENCE

ACI AWARD FOR UNIVERSITY STUDENT ACTIVITIES

Honorary Members

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, 239 have been elected to this position.*

Honorary Members

"for lifetime achievements and contributions to ACI and to the worldwide concrete industry, with particular recognition for his pioneering work in the development and implementation of non-destructive testing and evaluation of new and existing structures"

John A. Bickley retired in 2011 from John A. Bickley Associates, where he served as President from 1986 to 2011. Prior to that he was a Partner with Trow Associates, Toronto, ON, Canada, from 1967 to 1986 and Manager of the Materials Testing Laboratory, Messrs Sandberg, London, UK, from 1955 to 1965. He provided consulting, testing, and inspection services on major suspension bridges, expressways, dams, dockyards, airfields, conventional and nuclear power stations, and experimental nuclear reactors on projects in England, Canada, the United States, Jamaica, the Bahamas, Malta, Saudi Arabia, Abu Dhabi, Jordan, Pakistan, India, and New Zealand.

Bickley served as President of the Ontario Chapter – ACI and chaired the Ontario Chapter Committee: The Investigation and Repair of Parking Structures. He also was a member of the ACI Board of Direction, the Educational Activities Committee, and the Convention Committee. He served as Chair or was a member of several technical committees, including ACI Committees 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete; 228, Nondestructive Testing of Concrete; 362, Parking Structures; 363, High-Strength Concrete; and the Concrete Research Council.

His research interests include development and implementation of nondestructive testing and evaluation of new and existing structures. Bickley is a Fellow of ACI, the Institution of Civil Engineers in England, and the Canadian Society for Civil Engineering. He has received the ACI Construction Practice Award (1980), the ACI Delmar L. Bloem Distinguished Service Award (1997), and awards from the Canadian Standards Association (CSA), the Institution of Civil Engineers, and the Institution of Highway Engineers.

Bickley is a 1948 graduate of the Institution of Civil Engineers (UK) and received his DSc, Honoris Causa from Ryerson University, Toronto, ON, Canada (2009). He was a member of ASTM International Committees C09, Concrete and Concrete Aggregates; C09.02.05, Nondestructive Testing; and C09.61, Testing for Strength. He served on CSA Committees A23, Concrete and Concrete Materials, and S413, Parking Structures.

Bickley served a 4-year Commission with the Royal Engineers in Kenya, Egypt, and Germany.

Honorary Members

"for his outstanding leadership as ACI President, for his multiple contributions in research including reinforcement anchorage and development length equations for the ACI Building Code, and his mentorship of numerous students and young professionals in the concrete industry"

David Darwin is the Deane E. Ackers Distinguished Professor and Chair of the Department of Civil, Environmental, and Architectural Engineering at the University of Kansas, Lawrence, KS, where he has been a faculty member since 1974. He served as an Officer in the U.S. Army Corps of Engineers from 1967 to 1972.

ACI President in 2007-2008, Darwin is a member and Past Chair of ACI Committee 224, Cracking; and Joint ACI-ASCE Committee 408, Bond and Development of Steel Reinforcement; and a member of many other technical and Board committees, including ACI Committee 222, Corrosion of Metals in Concrete; Joint ACI-ASCE Committees 445, Shear and Torsion; and 446, Fracture Mechanics of Concrete; and ACI Subcommittee 318-B, Anchorage and Reinforcement. He is a past member of the ACI Board of Direction and Executive Committee; the Financial Advisory and Technical Activities Committees; and Joint ACI-ASCE Committee 447, Finite Element Analysis of Reinforced Concrete Structures. He is a Past Chair of the Concrete Research Council and the ACI Publications and TAC Technology Transfer Committees.

His research interests include concrete durability, with emphasis on corrosion protection and crack control, and on bond and anchorage of steel reinforcement to concrete. Elected Fellow in 1981, his other ACI awards include the Delmar L. Bloem Distinguished Service Award, 1986; the Arthur R. Anderson Award, 1992; the ACI Structural Research Award, 1996; the Joe Kelly Award, 2005; the ACI Certification Award, 2010; and the ACI Foundation – Concrete Research Council Arthur J. Boase Award, 2013. Darwin is a member of the Precast/Prestressed Concrete Institute (PCI) and ASTM International, a Distinguished Member of the American Society of Civil Engineers (ASCE), and a Fellow of the Structural Engineering Institute (SEI) of ASCE.

He received his BS and MS in civil engineering from Cornell University, Ithaca, NY, in 1967 and 1968, respectively, and his PhD in civil engineering from the University of Illinois at Urbana-Champaign, Champaign, IL, in 1974.

Honorary Members

"for tireless work in improving the quality of life in over 20 countries in Europe, Asia, and Pan-America by improving infrastructure through his innovative concrete research, practical construction applications, and inspiring education"

Before his death on May 31, 2015, **Vitervo Asdrúbal O'Reilly Diaz** was recognized for his outstanding career in the concrete industry. He served as President of the National Technical Committee for the Standardization of Concrete in Cuba from 1965 to 2002 and was Chief Investigator for the Technical Center for Construction and Materials from 1978 to 1986. He was also a member of numerous other organizations, including the Scientific Council of the Superior Polytechnic Institute; Permanent Board for the Award of Science Degrees; Technical Board of the Commission for Construction Technologies; National Corrosion Commission – Academic Investigation Division of the Cuban Academy of Sciences; Scientific Board of the Experimental Center for Construction; and Architecture in the Tropics.

Diaz published numerous documents, presented his work, and delivered keynote presentations at over 152 national and international conferences. He received several awards and honors, including Work Hero of the Republic of Cuba (highest honor bestowed to a worker in Cuba); Order of Carlos J. Finlay (highest recognition awarded to scientists in Cuba); and Order of Frank Pais (highest recognition awarded to a Professor for services and contributions to education). Diaz was also recognized for his 56 years as a constructor and 49 years as an educator with a National Award of Civil Engineering in 1999; Cuban Academy of Sciences Award for his methodology for concrete mixture proportioning in 2000; and Honorary Professor of the Universidad Autónoma Juan Misael Saracho, Bolivia, in 1993.

Diaz was recognized in numerous Latin American countries for his research in cement and the concrete field. He obtained a patent on a methodology he developed for batching concrete, increasing efficiency in cement use, which resulted in numerous courses and keynote conference presentations.

Diaz received his technical degree as an Industrial Chemist in Technical Sciences from Brno University of Technology, Brno, Czech Republic; his BS in civil engineering from the University of Havana, Havana, Cuba, in 1959; his MS from the Superior Polytechnic Institute of Havana, Havana, Cuba, in 1978; and his PhD from the Academy of Sciences of the Czech Republic, Národní, Czech Republic, in 1985.

Honorary Members

"for his outstanding contributions to ACI and the concrete industry; his exceptional leadership in the advancement of reference specifications and their proper use; and his dedication to improving the outcome of concrete construction"

W. Calvin McCall, FACI, is President of Concrete Engineering Consultants, Inc., a diversified concrete engineering firm located in Charlotte, NC. He has over 40 years of experience in the concrete industry, including proportioning high-performance concrete mixtures, designing self-consolidating concrete and radiation-shielding concrete mixtures, performing nondestructive evaluations of concrete structures, developing quality control and quality assurance systems, and performing concrete floor evaluations. He was voted ACI Educational Seminar Speaker of the Year in 2002.

McCall was the recipient of the ACI Delmar L. Bloem Distinguished Service Award, 2006; the ACI Henry L. Kennedy Award, 2008; and the ACI Wason Medal for Most Meritorious Paper, 2013. He is a Past Chair and current member of ACI Committees 132, Responsibility in Concrete Construction; 301, Specifications for Concrete; and 349, Concrete Nuclear Structures. He is also a past member of the ACI Board of Direction and ACI Committee 318, Structural Concrete Building Code.

He has several research interests but the main focus at this time is self-consolidating concrete. He received his degree in civil engineering technology from Central Piedmont Community College, Charlotte, NC, in 1977, and became a licensed professional engineer in 1985.

McCall is also a member of the American Society of Civil Engineers (ASCE) and ASTM International. He has published papers on slab-on-ground, specifications, precast concrete, and teamwork on construction projects, as well as articles on other concrete-related topics.

Honorary Members

"for his lifelong efforts to improve the design and construction of the concrete infrastructure, both domestically and internationally, and his significant contributions in the field of precast concrete structures that have benefitted societal developments throughout the world"

Cloyd E. (Joseph) Warnes is Managing Partner of CPM Associates, Roseville, CA, a nonprofit humanitarian public interest consulting project management firm that specializes in design and construction of concrete houses. He spent much of his career in management of overseas construction projects in Iran, Saudi Arabia, Romania, and Russia. He was the keynote speaker at the first Russian Project Management Association convention in Moscow in 1999, on the subject of computerized project management of precast concrete design and construction.

Following 17 years with the Portland Cement Association (PCA), Warnes entered the concrete construction field. He has been involved in the construction management of several international projects, mostly in the Middle East. For 10 years, he conducted seminars on project management and precast concrete construction in various countries in the Middle East and North Africa. For several years after the implosion of the Soviet Union, he mentored indigenous concrete construction contractors on behalf of the U.S. Department of State USAID program in Romania, Russia, and Poland. He designed and built the first insulating concrete form (ICF) shell concrete houses in a severe earthquake region of Romania. Among various projects, Warnes initiated and led programs to develop the first computerized program for concrete pavement design; research to determine the cause of concrete pavement faulting; the refinement of "dogbone" precast concrete moment frames for high-rise buildings; and established the basis of the concept of "emulation detailing," leading to the preparation of a report by Joint ACI-ASCE Committee 550, Precast Concrete Structures, on that subject.

Warnes received his BCE from Ohio State University, Columbus, OH, in 1951, and his AA Management and Supervision from American River College, Sacramento, CA, in 1968. He is a Fellow of the Precast/Prestressed Concrete Institute (PCI) and former member of the American Society of Civil Engineers (ASCE) and the Concrete Reinforcing Steel Institute (CRSI).

50-Year Membership Citations

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

P. V. Banavalkar

Domingo J. Carreira

Carlos Alfredo Casabonne Rasselet

Pinaki R. Chakrabarti

James T. Dikeou
(recently deceased)

Kenneth F. Dunker

Thomas Fitzpatrick

Allan V. Fozzard

Robert E. Loov

50-Year Membership Citations

Donald F. Meinheit

Vilas Mujumdar

Avanti Shroff

William J. Wilhelm

Lawrence F. Yasinko

NOT PICTURED:
Robert B. Anderson
Edwin G. Burdette
Harold R. Cohen
Norberto Davila
Robert E. Griffith, Jr.
Stanley D. Lindsey
Ben G. Olson
William F. Perenchio
George Somerville
Ado Valge
Thomas M. Velloff

Fellows

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

Fellows

Riadh Saleh Al-Mahaidi is a Professor of structural engineering in the Department of Civil and Construction Engineering, Academic Vice President (Research Engagement, Middle East), and the Director of the Smart Structures Laboratory at Swinburne University of Technology, Hawthorn, Australia. He is a member of ACI Committee 440, Fiber-Reinforced Polymer Reinforcement; and Joint ACI-ASCE Committee 447, Finite Element Analysis of Reinforced Concrete Structures. Al-Mahaidi is Co-Founder and the first President of the Iraq Chapter – ACI. He is the Editor of ACI SP-301, *Modeling of FRP Strengthening Techniques in Concrete Infrastructure*. Al-Mahaidi was awarded the 2005 and 2010 RW Chapman Medal by Engineers Australia for "important contribution to the science of engineering." He authored over 140 refereed journal publications and more than 250 international, regional, and national conference papers and technical reports in the structural engineering field. His research interests include the use of fiber-reinforced polymers for rehabilitation of concrete and metallic structures. He received his BS in civil engineering from the University of Baghdad, Baghdad, Iraq, in 1971, and his MS and PhD in structural engineering from Cornell University, Ithaca, NY, in 1974 and 1978, respectively.

Charles E. Bakis is a University Distinguished Professor of engineering science and mechanics at Pennsylvania State University, University Park, PA, where he has served for 28 years. Bakis is Chair of ACI Subcommittee 440-K, FRP-Material Characteristics; and is a member of ACI Committee 440, Fiber-Reinforced Polymer Reinforcement. His research interests include the design, manufacture, and experimental evaluation of fiber-reinforced polymer composites used for civil construction. He received his BS in mechanical engineering from Lehigh University, Bethlehem, PA, in 1977, and his MS and PhD in engineering mechanics from Virginia Tech, Blacksburg, VA, in 1984 and 1988, respectively. He is a member of ASTM International Committee D30, Composite Materials, and Vice-Chair of Subcommittee D30.10, Composites for Civil Structures. He also serves as the Editor-in-Chief of the *Journal of Composites for Construction*, published by the American Society of Civil Engineers (ASCE).

Fellows

Karl J. Bakke is a Sales Engineer with Kalman Floor Company, Inc., Evergreen, CO, an international company specializing in shrinkage-compensating concrete floor construction with hardened monolithic surfaces and deferred toppings. Bakke has served at Kalman in various positions since 1988, including establishing Kalman's in-house mixture design and concrete testing programs for projects throughout the United States. A member of ACI since 1990, Bakke serves as Chair (former Secretary) of ACI Committee 223, Shrinkage-Compensating Concrete; is a Past Chair of ACI Subcommittee 223-C, Constructibility; and former Secretary and current member of ACI Committee 117, Tolerances. Additional ACI contributions include session moderator, peer reviewer, editorial committee member (ACI Committee 117), and guest speaker. He was recognized for 25 years of ACI membership in 2015. Bakke has helped develop construction details that are being used in industrial floor construction today. He is a member of the Rocky Mountain Chapter – ACI, and ASTM International Committees C01, Cement, and C09, Concrete and Concrete Aggregates. He authored Chapter 18, "Abrasion Testing," for ASTM STP 169D (2006). Bakke received his BA in economics from the University of Colorado, Boulder, CO, in 1984. He is an NRMCA Certified Concrete Technologist.

Katie J. Bartojay is a Civil Engineer and Concrete Technical Specialist with the U.S. Bureau of Reclamation's Concrete, Geotechnical, and Structural Laboratory in Denver, CO. She has been on a team of concrete experts at the Bureau of Reclamation since 2005 and was Reclamation's 2011 Engineer of the Year. Bartojay has 17 years of construction materials experience in the industry. She is a member of ACI Committees 207, Mass Concrete; 211, Proportioning Concrete Mixtures; and 230, Soil Cement, and is Past President of the Rocky Mountain Chapter – ACI. She served on the Convention Committee for two terms and was the Co-Chair of the 2015 Denver ACI Concrete Convention and Exposition. Her research interests include adiabatic temperature rise and thermal studies of mass concrete, and crack reduction for large placements. She received her BS in civil engineering from the University of Pittsburgh, Pittsburgh, PA, in 1999. She is a licensed professional engineer in Colorado. In 2007, she was a featured speaker on the History Channel's *Modern Marvels* program "Dams."

Fellows

Van Bui is a Principal Scientist at BASF Corporation, Cleveland, OH. He has over 30 years of experience working as Researcher, Quality Assurance Manager, Consultant, and Project Executive in the field of concrete, cement, admixtures, and other concrete materials. Bui is a member of ACI Committees 236, Material Science of Concrete; 237, Self-Consolidating Concrete; 238, Workability of Fresh Concrete; and 325, Concrete Pavements. He is also a member of ASTM International Subcommittee C09-47, Self-Consolidating Concrete. His research interests include sustainable materials and fiber-reinforced concrete. Bui has contributed to the development and application of self-consolidating and vibrated high-performance concretes for numerous projects involving hundreds of ready mixed and precast/prestressed concrete firms in North and South America, including some high profile projects such as the 92-story Trump Tower in Chicago, IL; The Cathedral of Christ the Light, Oakland, CA; and New World Trade Center and 432 Park Avenue super-tall apartment building in New York City, NY. Bui has served as a Post-Doctoral Researcher at the Center for Advanced Cement-Based Materials, Northwestern University, Evanston, IL. He received his ME in civil engineering from the Asian Institute of Technology, Bangkok, Thailand, in 1994; his ME in civil engineering materials from the Slovak University of Technology, Bratislava, Slovakia, in 1983; and his PhD in civil engineering from the University of Wollongong, Wollongong, Australia, in 1999.

John P. Busel is Vice President, Composites Growth Initiative, of the American Composites Manufacturers Association (ACMA), Arlington, VA. He has served in this capacity at ACMA for over 11 years and has over 30 years of experience in market development, composites design, tool design and engineering, manufacturing, and research and development of composite materials at Market Development Alliance, Society of the Plastics Industry Composites Institute, Brunswick Composites, Martin Marietta Aerospace, and Boeing Military Airplane Company-Wichita. He received the ACI Delmar L. Bloem Distinguished Service Award in 2009 for service as Chair and Secretary, and contributions to ACI Committee 440, Fiber-Reinforced Polymer Reinforcement. He has conducted and contributed to reinforced concrete research in collaboration with the U.S. Army Corps of Engineers Construction Engineering Research Laboratory including the investigation and development of FRP composite materials and products to strengthen, seismically upgrade, and repair reinforced concrete structures and

masonry walls. He has fostered education through the development of seminars, technical sessions, workshops, and an international symposium to advance composites materials and products for state-of-the-practice applications in the concrete industry. Busel is Co-Chair of ACI Subcommittee 440-J, FRP Stay-in-Place Forms and is a member of ACI Subcommittees 440-E, FRP-Professional Education; 440-F, FRP-Repair-Strengthening; 440-G, FRP-Student; 440-H, FRP-Reinforced Concrete; 440-I, FRP-Prestressed Concrete; 440-K, FRP-Material Characteristics; 440-L, FRP-Durability; and 440-M, FRP-Repair of Masonry Structures. He is also a member of the Concrete Research Council. Busel received his BS in civil engineering from Bradley University, Peoria, IL, in 1981. He is a member of the American Society of Civil Engineers (ASCE), Structural Engineering Institute (SEI), Fiber Composites and Polymers Standards Committee, and ASTM International Committees D20, Plastics, and D30, Composite Materials. He also served as a founding Associate Editor for ASCE's *Journal of Composites for Construction*.

John K. Conn is Director of Chapter Activities at the American Concrete Institute, Farmington Hills, MI. He previously was ACI Certification Operations Manager. Conn is Staff Liaison for the Chapter Activities Committee (CAC); Ex-Officio, International Advisory Committee; and is a member of the CAC Strategic Planning Task Group, International Project Awards Committee (IPAC) Guide Subcommittee, and IPAC Entries Subcommittee. He has been a Speaker at the Concrete in the Americas International Forum, and Future Concrete 2010, in Doha, Qatar; Moderator, Chapter Forum; and Speaker and Facilitator, Chapter Officer Training and Roundtable Meetings. Conn received his BS in business administration, marketing–advertising/PR in 1987 and his MBA in international business from Wayne State University, Detroit, MI, in 1993.

Garth Fallis is Vice President of Construction Technologies with the Vector Construction Group, a specialized concrete restoration and protection contractor, in Winnipeg, MB, Canada. He has been active in the concrete repair industry for over 35 years and has experience in concrete repair, corrosion mitigation, protective systems, post-tensioned cable evaluation and repairs, and structural strengthening. Fallis is a member of ACI Committees 440, Fiber-Reinforced Polymer Reinforcement; 549, Thin Reinforced Cementitious

Fellows

Products and Ferrocement; 562, Evaluation, Repair, and Rehabilitation of Concrete Buildings; Joint ACI-ASCE Committee 423, Prestressed Concrete; and a past member of ACI Committee 548, Polymers and Adhesives for Concrete. Fallis is a member and Past President of the Manitoba Chapter – ACI. His research interest has been as a Research Consultant to Intelligent Sensing for Innovative Structures Canada, providing the industry an application view on research for the use of fiber-reinforced polymers and structural health monitoring for civil engineering structures and also the study of the use of advanced composite materials and their relation to impact resistance and projectile trajectory in field applications (that is, golf). Fallis is a Charter member, Fellow, and Past President of the International Concrete Repair Institute (ICRI); Member and Committee Chair with the Post-Tensioning Institute (PTI); and member of the American Railway Engineering and Maintenance Association (AREMA). He is a licensed professional engineer with the Associations of Professional Engineers of Manitoba, Saskatchewan, and Ontario. Fallis received his BS in civil engineering from the University of Manitoba, Winnipeg, MB, Canada, in 1976.

Chris A. Forster is Operations Manager for Largo Concrete, Inc., Los Angeles, CA. He is a licensed California contractor and has been working in concrete construction for 32 years. Forster is a Past President and member of the Southern California Chapter – ACI, and received the Chapter's "Sam Hobbs Award" in January 2015. He has served the Chapter as Co-Chair for the National Convention in Fall 2008, and is currently serving as Co-Chair for the Fall 2017 Convention in Anaheim, CA. He is a Past Chair of ACI Committee 303, Architectural Cast-in-Place Concrete; and a member of the ACI Chapter Activities Committee and Construction Liaison Committee; ACI Committee 303, Architectural Cast-in-Place Concrete; and ACI Subcommittee 301-H, Tilt-Up Construction and Architectural Concrete. His research interests include architectural cast-in-place concrete methods, internal curing, and high-strength concrete. Forster received his BS in construction management from California Polytechnic State University, San Luis Obispo, CA, in 1984, and Executive MBA from the University of California, Los Angeles Anderson School, Los Angeles, CA, in 1999. Forster serves as Vice President and Director for the American Society of Concrete Contractors (ASCC), and is Chair of the ASCC Membership Committee.

Fellows

Werner Fuchs is Director of Fastening Technology Research at the University of Stuttgart, Germany and Honorary Professor at the KIT, University of Karlsruhe. He has more than 30 years of experience in research, development, and testing in the field of fastening technology. Fuchs received his graduate degree in structural engineering in 1983 from the University of Karlsruhe and his PhD in 1990 from the University of Stuttgart under the direction of Rolf Eligehausen. Following a postdoctoral fellowship at the University of Texas at Austin with John E. Breen, he assumed a senior position at Hilti's Research & Development center in Kaufering, Germany. In 1997, he returned to the University of Stuttgart, where he manages research and coordination of projects pertaining to fastenings in concrete and masonry. He is a member of ACI Committees 349, Concrete Nuclear Structures; 355, Anchorage to Concrete; Joint ACI-ASCE Committee 408, Bond and Development of Steel Reinforcement; Joint ACI-CRSI Committee C680, Adhesive Anchor Installer Certification; and ACI Subcommittees 318-B, Anchorage and Reinforcement; 318-L, International Liaison; and C601-J, Adhesive Anchor Installation Inspector; as well as a variety of European committees responsible for the development of code provisions in the field of fastening technology. He has published several papers on topics related to techniques for anchorage to concrete.

Zachary C. Grasley is an Associate Professor and the Peter C. Forster Faculty Fellow I in the Zachry Department of Civil Engineering at Texas A&M University (TAMU), College Station, TX. He is also a faculty member in the Materials Science and Engineering Department and has been with TAMU for 8 years. Grasley also spent 2 years as a faculty member at Virginia Tech, Blacksburg, VA. He was awarded the ACI Walter P. Moore, Jr., Faculty Achievement Award in 2013. Grasley is Secretary of ACI Committee 236, Material Science of Concrete; and a member of the ACI Publications Committee; ACI Committees 231, Properties of Concrete at Early Ages; 241, Nanotechnology of Concrete; and 376, Concrete Structures for Refrigerated Liquefied Gas Containment. He is also a member of the American Society of Civil Engineers (ASCE). Grasley's research interests include concrete shrinkage, creep, durability and sustainability, nanomaterials, cryogenic concrete, poroelastic behavior, and early age behavior. Grasley uses a combination of novel experiments and theoretical modeling in his research approach, with a focus on leveraging fundamental science. He has made contributions in uncovering new mechanisms for concrete creep and irreversible

drying shrinkage and advanced the science of quantifying dispersion of nanomaterials in concrete. Additionally, he devised a novel method for quantifying concrete permeability. At TAMU, Grasley teaches classes on concrete, material science, and mechanics to students ranging from sophomore to PhD levels. He received his BS from Michigan Technological University, Houghton, MI, in 2001, and his MS and PhD from the University of Illinois at Urbana-Champaign, Champaign, IL, in 2003 and 2006, respectively.

Joe Hug is the Technical Services Manager for The Monarch Cement Company in Humboldt, KS, where he has served for 21 years. He is a member of ACI's Chapter Activities Committee; Certification Programs Committee; Educational Activities Committee; International Project Awards Committee; ACI Committees C610, Field Technician Certification, and C630, Construction Inspector Certification; and ACI Subcommittee C601-B, Concrete Quality Technical Manager. Hug is a Past President of the Kansas Chapter – ACI and serves as Secretary/Treasurer for the Chapter and Chair of the Kansas Certification Committee. He received the ACI Chapter Activities Award in 2007. He is also a member of ASTM International. Hug received his BSME from Kansas State University, Manhattan, KS, in 1994 and he is a licensed professional engineer in Kansas, Arkansas, and Missouri.

Michael C. Jaycox has served as Vice President of Operations for 20 years at Municipal Testing Laboratory, Inc., Hauppauge, NY. He has served 31 years in the industry. He is Chair of ACI Committee 311, Inspection of Concrete; is a Past Chair of ACI Committee C630, Construction Inspector Certification; and a member of ACI Committees C610, Field Technician Certification; C620, Laboratory Technician Certification; and C631, Concrete Transportation Construction Inspector Certification. Jaycox is a Founder and Past President of the Long Island NY Chapter – ACI. He has been an ASTM International member since 1992.

Fellows

Steven C. Jaycox is President/CEO of Municipal Testing Laboratory, Inc., Hauppauge, NY. He has been a member of ACI since 1986 and a Sustaining Member since 2000. He is Chair of ACI Subcommittee 301-A, General Requirements, Definitions, and Tolerances, for the ACI Committee 301-15 code cycle; and a member of ACI Committee 301, Specifications for Concrete, since 2007. He formerly served on ACI Committees C610, Field Technician Certification; C620, Laboratory Technician Certification; C630, Construction Inspector Certification; and C631, Concrete Transportation Construction Inspector Certification. Jaycox is a founding member and an Officer of the Long Island NY Chapter – ACI. Jaycox received his BS from the University of Alabama, Tuscaloosa, AL, in 1985, and his MBA from Dowling College, Oakdale, NY, in 1986. He is a member of ASTM International and former subcommittee officer of various technical committees in concrete, soils, and nondestructive testing.

John Jones retired in 2008 from Nippon Electric Glass America Company's AR Glass Fiber Division in Dallas, TX, where he was Manager from 1995 to 2008. He currently serves as a Consultant to the company. He has been involved in the development of alkali-resistant (AR) glass fiber and glass-fiber-reinforced concrete since its inception in 1970, first in the United Kingdom and since 1976 in the United States. Jones is Chair of ACI Committee 549, Thin Reinforced Cementitious Products and Ferrocement, and a member of ACI Committees 239, Ultra-High Performance Concrete, and 544, Fiber-Reinforced Concrete. He received his BEng (hons) from the University of Liverpool, Liverpool, UK, in 1964, and his MSc in Business from the London Business School, London, UK, in 1968. Jones is a member of ASTM International and the Precast/Prestressed Concrete Institute (PCI).

Fellows

David Kerins is an Engineering Associate at ExxonMobil Research and Engineering Company, Spring, TX. He is Chair of ACI Committee 370, Blast and Impact Load Effects; and Past Chair and member of 351, Foundations for Equipment and Machinery. He is also a member of the American Society of Civil Engineers (ASCE). Kerins received the ACI Delmar L. Bloem Distinguished Service Award in 2014. He received his diploma in civil engineering from Cork Institute of Technology, Cork, Ireland, in 1977. Kerins is a licensed professional engineer in Louisiana.

John T. Kevern is an Associate Professor of civil engineering at the University of Missouri–Kansas City (UMKC), Kansas City, MO, where he has served for 7 years. He is a past recipient of ACI's P. K. Mehta Scholarship for Sustainable Concrete Development in 2005; the Walter P. Moore, Jr. Faculty Achievement Award in 2012; and the Young Member Award for Professional Achievement in 2013. Kevern is Faculty Advisor for the UMKC ACI student chapter that won the inaugural workability competition in 2013 and has been awarded Excellent University Award status each year since its inception in 2011. He is a member of ACI Committees 130, Sustainability of Concrete, and 522, Pervious Concrete. Kevern's research interests include improving the use and performance of pervious concrete, increasing the use of industrial by-products in concrete, and reducing joint-related distresses. 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. He is a member of the American Society of Civil Engineers (ASCE) and ASTM International.

Fellows

Yail Jimmy Kim is an Associate Professor in the Department of Civil Engineering at the University of Colorado Denver, Denver, CO, and was a faculty member at North Dakota State University, Fargo, ND. He has over 25 years of civil and structural engineering experience, including industry and academic. He is Chair of ACI Committee 345, Concrete Bridge Construction, Maintenance, and Repair, and ACI Subcommittee 440-I, FRP-Prestressed Concrete, and a member of ACI Committees 342, Evaluation of Concrete Bridges and Bridge Elements; 440, Fiber-Reinforced Polymer Reinforcement; and Joint ACI-ASCE Committee 343, Concrete Bridge Design. He is the recipient of a number of awards from institutional, national, and international competitions, including the Centennial Research Award at North Dakota State University, Natural Sciences and Engineering Research Council of Canada Postdoctoral Fellowship, Intelligent Sensing for Innovative Structures Award of Merit, and Award of Excellence by the Ontario Ministry of Public Infrastructure Renewal. Kim was named a Fellow of the Japan Society for the Promotion of Science and conducted invited research in Japan. His research interests include advanced composite materials for structural application, complex systems, uncertainty quantification, and science-based structural engineering, including statistical and quantum physics. He is the author of *Advanced Composites in Bridge Construction and Repair*, published by Woodhead Publishing, Elsevier; and is the Editor of three ACI Special Publications. He has authored 101 journal papers, most of which were published in Tier I journals such as those of ACI, the American Society of Civil Engineers (ASCE), and Elsevier. He serves as an Associate Editor and member of editorial boards of three international journals. Kim received his BS in civil engineering from Dongguk University, Seoul, Korea, in 1994, and his MS and PhD in structural engineering from the University of Windsor, Windsor, ON, Canada, and Queen's University, Kingston, ON, Canada, in 2002 and 2006, respectively. He is a licensed professional engineer in Ontario, Canada.

Fellows

Gary F. Knight is the Technical Service/Quality Control Manager for Lehigh Cement, South Division in Atlanta, GA. He started with Heidelberg (Lehigh) Cement in 2006 and has worked directly in the cement, concrete, and aggregates industry since 1986. He is a Past Chair and member of ACI Committee 211, Proportioning Concrete Mixtures, and has also served on the Committee on Nominations; and ACI Committees 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete; 237, Self-Consolidating Concrete; 302, Construction of Concrete Floors; and 522, Pervious Concrete. His research interests include concrete mixture optimization and calorimetry. Knight received his degree in civil engineering from Southeastern Massachusetts University, South Dartmouth, MA, in 1973. He is a voting member of ASTM International Committees C01, Cement, and C09, Concrete and Concrete Aggregates. He is the author of the "Concrete Mix Evaluator" computer program for proportioning concrete mixtures. Knight received a Certificate of Merit from the Precast/Prestressed Concrete Institute (PCI) for contributing support to the PCI SCC FAST TEAM in 2004.

Carl J. "Chuck" Larosche is a Principal in the Austin, TX, office of Wiss, Janney, Elstner Associates, Inc. (WJE), where he leads the Structural Engineering Practice Area Group. Prior to joining WJE in 2004, he founded Sparks, Larosche & Associates. With over 30 years of experience, he is an industry leader in the fields of preservation and restoration of historic and existing structures, structural design, and investigation and evaluation of existing structures and materials. Larosche is actively involved in several professional organizations. He is a Past Chair of ACI Committee 437, Strength Evaluation of Existing Concrete Structures; Chair of ACI Subcommittee 562-C, Evaluation; Secretary of ACI Committees E702, Designing Concrete Structures, and 349, Concrete Nuclear Structures; and a member of ACI Committee 562, Evaluation, Repair, and Rehabilitation of Concrete Buildings; and Joint ACI-ASME Committee 359, Concrete Containments for Nuclear Reactors. He authored several publications including Inspection, Testing, and Monitoring of Buildings and Bridges and Failure, Distress, and Repair of Concrete Structures. Additionally, since joining WJE in 2004, he has managed over 600 projects. Larosche's background includes structural design, investigation, and evaluation of existing structures and materials. He has combined his broad construction background with his knowledge of material behavior in existing structures to provide insight and

knowledge in the area of masonry, conventional reinforced concrete, precast and post-tensioned concrete, and steel evaluation, including strengthening and repair of these materials. He received his BS in civil engineering and his MS in structural engineering from the University of Texas at Austin, Austin, TX, in 1993 and 1999, respectively. His field of study was structural engineering with an emphasis on corrosion-related distress.

Marjorie M. Lynch is Founder and President of Lynch Consulting Engineers, DPC, in New York, NY. She has over 30 years of experience in the engineering and construction industries. She is a member of ACI Committees 364, Rehabilitation; 562, Evaluation, Repair, and Rehabilitation of Concrete Buildings; and 563, Specifications for Repair of Structural Concrete in Buildings; and ACI Subcommittees 364-A, Editorial; 364-B, Intercommittee Review; 364-TG1, Rehabilitation Guide; and 562-C, Evaluation. Lynch's professional interests include evaluation, assessment, and rehabilitation of existing concrete structures of all types—bridges, tunnels, buildings, marine structures, and historic construction. Lynch received her bachelor of civil engineering from the Georgia Institute of Technology, Atlanta, GA, in 1981. She is a licensed professional engineer in New York, New Jersey, Pennsylvania, Delaware, Tennessee, Georgia, and Florida.

Steve Morrical is Senior Technical Service Engineer at CRH US, Bozeman, MT. He has served 31 years in marketing and technical service for the cement/concrete industry. He is a Past Chair and current member of ACI Committee 306, Cold Weather Concreting; and member of ACI Committees 232, Fly Ash in Concrete; and 240, Natural Pozzolans. Morrical received his BS in forest science from Pennsylvania State University, State College, PA, and his BS in construction engineering from Montana State University, Bozeman, MT, in 1976 and 1984, respectively. Morrical's research interest include the development of natural pozzolans for use in blended cements.

Fellows

Mohamad Nagi is Director at the Infrastructure Sustainability and Assessment Center American University in Dubai, Dubai, United Arab Emirates (UAE). Prior to that he served as Regional Manager-Materials Technology and Asset Integrity at GHD Global Pty Ltd., Dubai; Research Engineer at Construction Technology Laboratories (CTLGroup, Skokie, IL); and Research Assistant at Michigan State University, East Lansing, MI. Nagi is a member of ACI Committees 201, Durability of Concrete; 222, Corrosion of Metals in Concrete; 228, Nondestructive Testing of Concrete; 365, Service Life Prediction; and 544, Fiber-Reinforced Concrete. His research interests include concrete durability, corrosion, and nondestructive testing. Nagi received his BSc in civil engineering from Damascus University, Damascus, Syria, in 1980, and his MSc in structural engineering and PhD in concrete materials and structural engineering from Michigan State University, in 1986 and 1990, respectively. He is a former member of the American Society of Civil Engineers (ASCE) and ASTM International.

Larry Rowland has been the Manager Marketing & Technical Services for Lehigh White Cement Company, Allentown, PA, for 11 years. His experience includes 12 years in construction engineering and concrete material supply industries. He is Chair of ACI Committees 310, Decorative Concrete; 524, Plastering; and Subcommittee 310-L, Liaison; and Secretary of 308-310 TG2, Curing Decorative Concrete Joint Task Group; and a member of ACI Committees 124, Concrete Aesthetics; 130, Sustainability of Concrete; and 549, Thin Reinforced Cementitious Products and Ferrocement; and ACI Subcommittees 130-G, Education/Certification; 130-TG1, Sustainability of Concrete Editorial Task Group; and 310-J, Polished Finishes. Rowland was the ACI Ambassador Speaker to the China Concrete & Cement-Based Products Association's 2015 International Conference of Decorative Concrete Technology. He is a regular contributor to ACI convention sessions and co-authored ACI University's "Guide to Decorative Concrete" online program. Rowland is an expert on the topics of architectural and decorative concrete and is a Certified Construction Product Representative with the Construction Specifications Institute. He has served in numerous capacities with the Concrete Joint Sustainability Initiative (CJSI), the Portland Cement Association (PCA), and the Architectural Precast Association (APA). He has been a USGBC LEED Accredited Professional since 2004 and is a former Director of the Delaware Valley Green Building Council, his region's chapter of the USGBC. He has spoken internationally and on a national level to architects, engineers,

students, and green building professionals on the topics of concrete sustainability, resilience, and high-performance concrete. In 2015, he was recognized by *Concrete Decor* magazine as one of the top Ten Influential People in the decorative concrete industry. Rowland received his associate degree in civil engineering from Santa Rosa Junior College, Santa Rosa, CA, and his BS in business from the University of Phoenix, Tempe, AZ, in 1987 and 2003, respectively. He is a member of the Precast/Prestressed Concrete Institute (PCI) Sustainability Committee.

Genaro L. Salinas is Concrete Construction Consultant for Salinas Consultants, El Paso, TX. He has been recognized for his contributions to ACI Certification programs by teaching classes in Spanish in Mexico, Latin America, and several locations in the United States. He is a member of ACI Committees C601, New Certification Programs; C610, Field Technician Certification; C620, Laboratory Technician Certification; C630, Construction Inspector Certification; C631, Concrete Transportation Construction Inspector Certification; C640, Craftsmen Certification; C650, Tilt-Up Constructor Certification; C670, Masonry Technician Certification; International Certification; and ACI Subcommittee C601-D, Decorative Concrete Finisher. He serves as an examiner for 14 classes in Spanish, translating several certification exams, and training classes and exams for flatwork finishers in Arizona, New Mexico, Texas, Arkansas, Florida, Oklahoma, New York, and the District of Columbia. Salinas is a member and Past President of the El Paso International Chapter – ACI. In 2015, he received the Raymundo Rivera-Villarreal Award from the Northeast Mexico Chapter – ACI. He is a regular lecturer for the Mexican Institute of Cement and Concrete and also is an advisor to Mexico's Cement and Concrete and Masonry Association (IMCYC and ICCYC). He was a speaker at World of Concrete, Las Vegas, NV, on Industrial Floor Slabs and World of Concrete Latin America on Concrete Technology, Tilt-Up. He received his BS in civil engineering from Monterrey Institute of Technology, Mexico, in 1963. Salinas is a member of the Mexican Institute for Development of Masonry Construction (IDEAC) and Guest Professor of the Universidad Autónoma de Ciudad Juaréz (UACJ), Construction Systems for Architects and New Mexico State University (NMSU), Concrete Quality School. He is a member and Past President of the El Paso Solar Energy Association since 1996.

Fellows

Lesley H. Sneed is Associate Professor and Stirrat Faculty Scholar at Missouri University of Science and Technology, Rolla, MO, where she also serves as a Faculty Advisor to the S&T Student Chapter – ACI. Sneed is Vice-Chair of ACI Committee S803, Faculty Network; member and Past Chair of S805, Collegiate Concrete Council; member of Joint ACI-ASCE Committee 445, Shear and Torsion, and ACI Subcommittee 318-E, Section and Member Strength; and former member of the Student and Young Professional Activities Committee. Her research interests include reinforced and prestressed concrete structural members and systems, structural models and experimental methods, innovative methods of repair and strengthening of structures subjected to seismic loading or other extreme hazards, evaluation of existing structures, and design codes for structural concrete. She received her BCE and MS in civil engineering from the Georgia Institute of Technology, Atlanta, GA, in 1995 and 1997, respectively, and her PhD in civil engineering from Purdue University, West Lafayette, IN, in 2007. She is a member of the Precast/Prestressed Concrete Institute (PCI). Sneed is a licensed professional engineer in Missouri and Georgia.

Caroline Talbot graduated in 1990 with a civil engineering degree from Laval University, Quebec, QC, Canada. During her master's degree (1992) and PhD (1996), she focused on different aspects of shotcrete repairs and concrete durability incorporating supplementary cementitious materials. She worked for The Euclid Chemical Company for 13 years as R&D Director and Marketing Director. She went to work for Omya, a manufacturer of limestone products for all applications where she focused on the use on limestone powders/fillers for the concrete industry and initiated the effort at ACI and ASTM International that led to the development of industry standards for the use of ground limestone in concrete. Talbot returned to work with Euclid in 2011 as National Technical Service Director for the Key Accounts/Business development efforts. She is a member of ACI Committees 211, Proportioning Concrete Mixtures; 212, Chemical Admixtures; and 237, Self-Consolidating Concrete; and former member of 223, Shrinkage-Compensating Concrete. She serves on several ASTM International Committees including C09.20, Normal Aggregates; C09.23, Admixtures; C09.43, Dry Packaged Cementitious Materials; and C09.47, Self-Consolidating Concrete. Talbot is a licensed professional engineer in Ohio and Quebec, Canada.

Fellows

Jennifer Tanner is an Associate Professor of civil and architectural engineering at the University of Wyoming (UW), Laramie, WY, and has been at UW for 13 years. She is an active member of ACI, The Masonry Society (TMS), and ASTM International. She is Chair of ACI Committee 526, Autoclaved Aerated Concrete; Co-Chair of ACI Subcommittee 440-L, FRP-Durability; and a voting member of TMS 402 since 2005. Tanner has authored or co-authored 20 technical papers and numerous reports. In 2010, she received the ACI Young Member Award for Professional Achievement. Her research interests include laboratory and field testing; nondestructive testing; concrete and masonry durability including pavement performance, building performance, alkali-silica reaction, and long-term durability of fiber-reinforced polymers for concrete applications. Teaching interests include masonry design, concrete design, construction materials, dynamics of structures, and earthquake engineering. Tanner received her BS in civil engineering from Oklahoma State University, Stillwater, OK, and her MS from the University of Costa Rica, Costa Rica, in 1995 and 1998, respectively, and her PhD in structural engineering from the University of Texas at Austin, Austin, TX, in 2003.

Peter C. Taylor is Director at the National Concrete Pavement Technology Center, Ames, IA, and Research Associate Professor, Civil, Construction and Environmental Engineering, Iowa State University, Ames, IA. He previously was Engineer and Group Manager at Construction Technology Laboratories (CTLGroup) for 10 years and an Engineer at the Cement and Concrete Institute, South Africa. He is Chair of ACI Committee 325-F, Concrete Pavement Overlays, and is a member of ACI Committees 130, Sustainability of Concrete; 232, Fly Ash in Concrete; 308, Curing Concrete; 325, Concrete Pavements; and ACI Subcommittees 130-A, Materials, and 325-D, Proportioning for Pavements. He is a former member of 236, Materials Science of Concrete. He is President of the Iowa Chapter – ACI. Taylor's research interests are in concrete pavements with a special interest in designing and specifying mixtures to achieve desired durability. He received his BSc and PhD in civil engineering from the University of Cape Town, Cape Town, South Africa, in 1982 and 1995, respectively. Taylor is a professional engineer in Illinois. He is a member of ASTM International Committee C09, Concrete and Concrete Aggregates.

Fellows

Carlos Videla Cifuentes was Professor of Civil Engineering at the Pontificia Universidad Católica de Chile from 1978 to 2015. In 2011, he founded Videla & Associates S.A., where he is Senior Principal and Chairman. He has received numerous honors and awards, including the Chilean Cement and Concrete Institute Award, "Technology Development" category in 2000; DICTUC to Chilean Development Award, "Outstanding Professional" category in 2007; ACI Delmar L. Bloem Distinguished Service Award in 2011; Ingeniería UC Excellence in Technology Transfer Award, School of Engineering PUC in 2011; and Intellectual Property Award, for research transfer of licensed technology on evaluation and specifications for durable reinforced concrete structures, Pontificia Universidad Católica de Chile in 2013. He is a Past Chair and current member of ACI Committee 209, Creep and Shrinkage in Concrete; and is a member of ACI Committees 231, Properties of Concrete at Early Ages; and C610, Field Technician Certification. He is a former consulting member of ACI Committee 301, Specifications for Concrete; and C630, Construction Inspector Certification. He is a member of the Chilean Construction Chamber (CChC), member and past Chair of the Concrete Construction Committee of the Chilean Cement and Concrete Institute, and past member of the Board of Directors of the Chilean Construction Industry Institute (IC) and the National Council for Standardization in the Construction Sector (CNNC). He is a member of the Editorial Boards of Revista Ingeniería de Construcción and Revista BIT journals. Videla Cifuentes' research interests are in concrete technology and construction, including studying and modeling concrete properties, application, development and optimization of special concretes, assessment of properties in-place and in laboratory, analysis of construction pathologies, design of construction processes, and the durability of concrete. He received his Civil Engineer title from the Pontificia Universidad Católica de Chile, Santiago, Chile, in 1974, and his PhD in civil engineering from the University of Birmingham, Birmingham, UK, in 1989.

Awards

ARTHUR R. ANDERSON MEDAL

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.

"for his extraordinary dedication to codes and specification development, driven by his professionalism, deep understanding of concrete materials and the practice of concrete production and construction technique"

Colin L. Lobo, FACI, is Senior Vice President, Engineering, at the National Ready Mixed Concrete Association (NRMCA), Silver Spring, MD, since 1991.

He is Secretary of ACI Committee 329, Performance Criteria for Ready Mixed Concrete, and currently serves on or has served on ACI Committees 132, Responsibility in Concrete Construction; 211, Proportioning Concrete Mixtures; 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete; 228, Nondestructive Testing of Concrete; 301, Specifications for Concrete; 318, Structural Concrete Building Code; E701, Materials for Concrete Construction; and is a past member of the ACI Board of Direction. Lobo is also a member of the American Society of Civil Engineers (ASCE) and serves on ASTM International Committees C01, Cement; C09, Concrete and Concrete Aggregates; E36, Accreditation and Certification; and F06, Resilient Floor Coverings.

Lobo became a Fellow of ACI in 2002 and received the ACI Henry C. Turner Medal in 2013. His research interests include concrete durability, acceptance testing of concrete, performance-based methods that evolve to performance-based specifications, and practical and innovative applications that improve quality and predictability of concrete.

He received his BE in civil engineering from University of Mysore, Mysore, India, in 1984; his MS in civil engineering from Northeastern University, Boston, MA, in 1987; and his PhD in civil engineering from Purdue University, West Lafayette, IN, in 1991. He is a licensed professional engineer in Maryland.

Awards

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

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.

"for his leadership in the development of specifications and standard practices, combining his skill in team-building, motivation, and communication with his experience in concrete construction"

James N. Cornell II, FACI, is a General Superintendent for HC Beck, a design-build contractor in Dallas, TX. He has been constructing buildings for 38 years.

He is a Past Chair of ACI Committees 301, Specifications for Concrete; E707, Specification Education; the TAC Construction Standards Committee; the Construction Liaison Committee; and TAC Concrete Terminology Committee. He has also served on the ACI Publications Committee; ACI Committees 305, Hot Weather Concreting; 308, Curing Concrete; and 347, Formwork for Concrete; and as Subcommittee Chair for the initial publication of ACI 308.1, "Specification for Curing Concrete." He is a member of the American Society of Civil Engineers (ASCE).

Cornell received his BS in civil engineering from Texas A&M University, College Station, TX, in 1977. He is a licensed professional engineer in Texas and is a LEED Accredited Professional.

Awards

JOE W. KELLY AWARD

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

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

"for his multiple contributions to research and teaching in the field of structural concrete, and for his selfless service to the profession through the development and implementation of the modified compression field theory"

Frank J. Vecchio, FACI, is Professor of Civil Engineering at the University of Toronto, Toronto, ON, Canada, where he has been on the faculty since 1985. He has served on ACI Committee 435, Deflection of Concrete Building Structures, and Joint ACI-ASCE Committees 441, Reinforced Concrete Columns, and 447, Finite Element Analysis of Reinforced Concrete Structures. He is also a member of the American Society of Civil Engineers (ASCE) and the Canadian Society of Civil Engineers (CSCE).

Vecchio is a recipient of the ACI Chester Paul Siess Award for Excellence in Structural Research (1998), the ACI Design Award (1999), and the ACI Wason Medal for Most Meritorious Paper (2011). In 1999, he was elected a Fellow of ACI.

His research interests include the development of improved analysis and design procedures for reinforced concrete structures, particularly for those that are shear-sensitive; the modeling and assessment of fiber-reinforced concrete structures; structures rehabilitated with fiber-reinforced polymers, and structures subjected to extreme loads including blast, impact, fire, and earthquake.

Vecchio received his BASc, MEng, and doctorate from the University of Toronto in 1978, 1979, and 1981, respectively. He is a licensed professional engineer in Ontario.

Awards

HENRY L. KENNEDY AWARD

The **Henry L. Kennedy Award** was established in 1958 to honor the late Henry L. Kennedy, Past President of the Institute. 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.

"for outstanding leadership in the development of a standard for repair of existing concrete buildings and in recognition of his research contributions for repair of concrete and masonry structural members"

Lawrence F. Kahn, FACI, is Professor Emeritus at the School of Civil and Environmental Engineering, Georgia Institute of Technology, Atlanta, GA. He retired after 39 years at Georgia Tech in 2015, and is now an affiliated consultant with Wiss, Janney, Elstner Associates, Inc., Atlanta, GA.

He is a Past Chair of ACI Committees 364, Rehabilitation, and 562, Evaluation, Repair and Rehabilitation of Concrete Buildings, and has also served on the ACI Technical Activities Committee; the Concrete Research Council; ACI Committees 440, Fiber-Reinforced Polymer Reinforcement; 546, Repair of Concrete; and 563, Specifications for Repair of Structural Concrete in Buildings; and Joint ACI-ASCE Committee 441, Reinforced Concrete Columns. He was President and Vice President of the Atlanta Chapter – ACI.

Kahn received the ACI Delmar L. Bloem Distinguished Service Award in 2013 and was elected a Fellow of ACI in 1983. He also is a Fellow of the American Society of Civil Engineers (ASCE) and The Masonry Society (TMS). His research interests include durability of prestressed concrete bridge structures and seismic resistance and repair of structural masonry and concrete.

Kahn received his BSCE from Stanford University, Stanford, CA, in 1966; his MSCE from the University of Illinois at Urbana-Champaign, Champaign, IL, in 1967; and his PhD in civil engineering from the University of Michigan, Ann Arbor, MI, in 1976.

Awards

ALFRED E. LINDAU AWARD

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

"for his outstanding design practice in reinforced concrete structures in Colombia, combined with his teaching of reinforced concrete fundamentals at the Colombian National University and at the Escuela Colombiana de Ingeniería in Bogotá for several decades"

Jorge I. Segura, FACI, civil engineer, is the Founder and Partner of Jorge Segura Franco & Cia, a civil engineering firm. The firm has provided design and construction services for numerous major concrete structures for more than 48 years in Bogotá, Colombia. He is also a Professor at the Universidad Nacional de Colombia, Bogotá, Colombia, and the Escuela Colombiana de Ingeniería, Bogotá, Colombia.

He has been a member of ACI since 1970 and a Fellow since 1999. He is a member of ACI Committee 314, Simplified Design of Concrete Buildings, and Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures. He was a Co-Founder of the Republic of Colombia Chapter – ACI in 1978 and served as its President from 2004 to 2010. He has been a member of the American Society of Civil Engineers (ASCE) since 2000.

Segura started teaching in the field of concrete structures in 1967 at the Universidad Nacional de Colombia. He has taught at the Escuela Colombiana de Ingeniería since 1980. He was recognized as Emeritus Professor in 1992 and has been awarded the "Excellence in Teaching" award for 9 years. Segura was named Distinguished Professor at the Escuela Colombiana de Ingeniería in 2012.

His research interests include the design and use of concrete materials. He graduated from the Universidad Nacional de Colombia, Bogotá, Colombia, in 1964.

Awards

HENRY C. TURNER MEDAL

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.

"for its continuous activities furthering the use of concrete in Chile and its support to ACI by providing translations into Spanish of several official translations of ACI documents, among them the ACI 318S versions since the 2002 issue"

The Instituto del Cemento y del Hormigón de Chile (ICH) is a technical institution founded in 1966 by the Chilean Construction Chamber and the Cement Industry to promote and extend the use of concrete construction in Chile. ICH congregates more than 30 Institutional members covering all major concrete applications.

As an ACI International Partner since 1996, ICH has been involved in the translation of many ACI documents, including ACI 318, "Building Code Requirements for Structural Concrete." In 2009, ICH received the ACI Alfred E. Lindau Award.

Awards

CHARLES S. WHITNEY MEDAL

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

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

"for their analytical and experimental research studies at North Carolina State University that have led to significant advances in design of precast structures, especially precast members used in parking structures"

Gary J. Klein, FACI, is a Senior Principal and Executive Vice President of Wiss, Janney, Elstner Associates, Inc., (WJE), Northbrook, IL. For more than 30 years, he has studied and delivered solutions for buildings and bridges suffering from deterioration, distress, or failure. Since 1995, he has been a member of ACI Committee 318, Structural Concrete Building Code, and serves on ACI Subcommittees 318-E, Section and Member Strength, and 318-J, Joints and Connections. He also serves on Joint ACI-ASCE Committee 445, Shear and Torsion, and Subcommittee 445-A, Shear & Torsion-Strut & Tie.

Klein is an active member of the Precast/Prestressed Concrete Institute (PCI). He has received numerous awards, including the ACI Wason Medal for Most Meritorious Paper in 2010 and PCI's Martin P. Korn Award in 2007 and 2010. His research interests include the design and behavior of precast/prestressed concrete members, including spandrel beam behavior, volume change in precast buildings, dapped double-tees, and punching shear of beam ledges.

He received his BS and MS in civil engineering from the University of Illinois at Urbana-Champaign, Champaign, IL, in 1973 and 1975, respectively. He is a licensed structural engineer in Illinois, and a licensed professional engineer in Illinois and several other states.

Awards

ACI member **Gregory W. Lucier** is a Research Assistant Professor in the Department of Civil, Construction, and Environmental Engineering at North Carolina State University (NCSU), Raleigh, NC. He also serves as the Manager of the Constructed Facilities Laboratory, which he has done for the past 8 years.

Lucier is an active member of the Precast/Prestressed Concrete Institute (PCI). His research interests include reinforced and prestressed concrete with a focus on practical construction-oriented problems. He received his BS in construction engineering and management and his MS and PhD in structural engineering from NCSU in 2004, 2006, and 2012, respectively.

Sami Hanna Rizkalla, FACI, is a Distinguished Professor in the Department of Civil, Construction, and Environmental Engineering at North Carolina State University (NCSU), Raleigh, NC. He is the Director of the Constructed Facilities Laboratory and the Center for Integration of Composites into Infrastructure at NCSU.

He is a member of ACI Committees 440, Fiber-Reinforced Polymer Reinforcement, and 550, Precast Concrete Structures; and Joint ACI-ASCE Committee 423, Prestressed Concrete. He is a former member of ACI Subcommittee 318-G, Precast and Prestressed Concrete. He is also member of the Precast/Prestressed Concrete Institute (PCI) Technical Activities Council and FRP Composites Committee.

Rizkalla has received several ACI awards, including the Delmar L. Bloem Distinguished Service Award in 2004, the Joe W. Kelly Award in 2008, the Arthur J. Boase Award in 2010, and the Chester Paul Siess Award for Excellence in Structural Research in 2014. He is also a Fellow of the American Society of Civil Engineers (ASCE) and PCI.

His research interests include the behavior of reinforced concrete and prestressed concrete structures and bridges, with special interest in the precast concrete field, and the use of fiber-reinforced polymer material for the construction and strengthening of structures and bridges. He received his BSc from Alexandria University, Alexandria, Egypt, and his master's and PhD from NCSU in 1974 and 1976, respectively.

Awards

ACI Honorary Member **Paul Zia** is a Distinguished University Professor Emeritus at North Carolina State University (NCSU), Raleigh, NC. He joined the NCSU civil engineering faculty as an Associate Professor in 1961 and was promoted to Professor in 1965. He served as Associate Department Head from 1967 to 1978 and as Department Head from 1979 to 1988. He was then appointed as Distinguished University Professor of Civil Engineering and returned to full-time teaching and research until his retirement in 1996. Since his retirement, he has been actively engaged in research with his colleagues on several major projects.

A Past President of ACI, Zia has served as Chair and/or member of many Board committees and task groups. He was Chair of the International Advisory Committee, Membership Committee, and Strategic Planning Committee; and a member of the ACI Technical Activities Committee, Convention Committee, and Educational Activities Committee. Currently, he is a member of ACI Committees 363, High-Strength Concrete, and 445, Shear and Torsion; Joint ACI-ASCE Committee 423, Prestressed Concrete; and ACI Subcommittee 440-J, FRP Stay-in-Place Forms. He is also a member of the Concrete Research Council and Technology Transfer Advisory Group of the ACI Foundation.

Zia received the ACI Joe W. Kelly Award in 1984, Arthur J. Boase Award in 1992, and Chester Paul Seiss Award for Excellence in Structural Research in 2014. He was named an Honorary Member of ACI in 1998. In 1983, he was elected as a member of the National Academy of Engineering. He is a Distinguished Member of the American Society of Civil Engineers (ASCE), and a Fellow, Titan, and Medal of Honor recipient of the Precast/Prestressed Concrete Institute (PCI).

His research interests include behavior and design of reinforced and prestressed concrete structures; and high-performance concrete, high-strength steel reinforcement, other innovative materials, and their application to structural concrete.

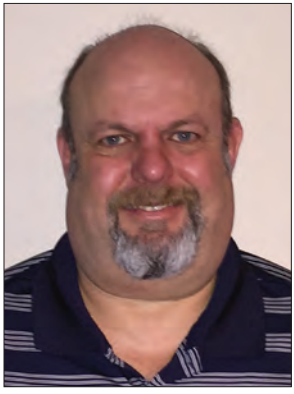
A native of China, Zia received his BSCE from National Chiao-Tung University, Shanghai, China, in 1949; his MSCE from the University of Washington, Seattle, WA, in 1952; and his PhD from the University of Florida, Gainesville, FL, in 1960.

Awards

CEDRIC WILLSON LIGHTWEIGHT AGGREGATE CONCRETE AWARD

The **Cedric Willson Lightweight Aggregate Concrete Award** was established in 1976 in recognition of Cedric Willson's many contributions in the field of lightweight aggregate, lightweight concrete, and lightweight concrete masonry. The award is given for outstanding contributions to one or more of these fields; any person, firm, or organization is eligible.

"for his outstanding contribution bringing ACI Committees 308 and 213 report on internally cured concrete to completion and taking the technology of internal curing using lightweight aggregate into the field, resulting in design and construction of large-scale water storage tanks in the Denver, Colorado area"



Erik Holck is the Construction Engineering Manager for Infrastructure at Denver Water in Denver, CO, where he has served for 19 years in both design and construction of water supply infrastructure. He is the Secretary of ACI Committees 306, Cold Weather Concreting, and 308, Curing Concrete. He is a Past Chair of ACI Subcommittee 308-E, Internal Curing.

Holck received his BS and MS in civil engineering from the University of Colorado Denver, Denver, CO, in 1998 and 2002, respectively. He is a licensed professional engineer in Colorado.

Awards

ACI CERTIFICATION AWARD

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.

"for outstanding service in developing, supporting, administering, and promoting ACI Certification Programs"

Alejandro Durán Herrera, FACI, is Professor/Head of Concrete Technology/International Affairs Coordinator at the Universidad Autónoma de Nuevo León (UANL), Facultad de Ingenería Civil (FIC), San Nicolas de Los Garza, NL, México. He serves on the ACI Board of Direction; Chapter Activities Committee; Certification Programs Committee; Educational Activities Committee; S801, Student Activities; S803, Faculty Network; and International Certification Subcommittee.

Durán Herrera has received numerous awards, including the ACI Young Member Award for Professional Achievement, 2004; Fellow of ACI, 2006; ACI Chapter Activities Award, 2011; and the Raymundo Rivera-Villarreal Award, 2014, for outstanding work in academic and research activities in benefit of the concrete industry granted by the Northeast Mexico Chapter – ACI. His research interests include use of fly ash in high-performance concrete, internal curing of concrete, volume stability of concrete, and self-consolidating concrete.

Durán Herrera received his BS in civil engineering from the School of Civil Engineering (FIC) of UANL, 1992; his MS in environmental engineering from FIC-UANL, 1998; and his PhD in materials engineering from the School of Mechanical and Electrical Engineering (FIME) of UANL, 2003. He completed his postdoctorate work at the Department of Civil Engineering, Research Group on Cement and Concrete, Université de Sherbrooke, Sherbrooke, QC, Canada, during the summers of 2005, 2006, and 2007.

He is a member of ASTM International, the International Union of Laboratories and Experts in Construction Materials, Systems and Structures (RILEM), and the National Researchers System (SNI), pertaining to the National Research Council of Science and Technology (CONACYT).

Awards

"for outstanding service in developing, supporting, administering, and promoting ACI Certification Programs"

Joe Hug is the Technical Services Manager for The Monarch Cement Company in Humboldt, KS, where he has served for 21 years. He is a member of ACI's Chapter Activities Committee; Certification Programs Committee; Educational Activities Committee; International Project Awards Committee; ACI Committees C610, Field Technician Certification, and C630, Construction Inspector Certification; ACI Subcommittee C601-B, Concrete Quality Technical Manager. Hug is a Past President of the Kansas Chapter – ACI and serves as Secretary/Treasurer for the Chapter and Chair of the Kansas Certification Committee. He received the ACI Chapter Activities Award in 2007. He is also a member of ASTM International. Hug received his BSME from Kansas State University, Manhattan, KS, in 1994 and he is a licensed professional engineer in Kansas, Arkansas, and Missouri.

Awards

"for outstanding and tireless service in supporting, administering, and promoting ACI Certification Programs"

John R. Wilson, FACI, has been the Principal of Wilson Technologies, LLC, for the past 26 years, serving the concrete industries mainly within the Maryland; Washington, DC; and Virginia areas. He began his career with the National Ready Mixed Concrete Association (NRMCA) as Staff Engineer and Laboratory Manager; spent 20 years with Martin Marietta Cement as Director of Technical Services; General Manager of Marketing/Quality Assurance with the Vulcan Materials operation in Saudi Arabia; and with Master Builders as Technical Director before starting his private practice.

He received the ASTM International Sanford E. Thompson Award from Committee C09, Concrete and Concrete Aggregates, for a technical paper (1963). He has served on technical committees and is Past Chair of ACI Committee 211, Proportioning Concrete Mixtures. In 2012, he was recognized as a 50-year member of ACI. He is a Life Member of the American Society of Civil Engineers (ASCE) and member of ASTM International. For 40 years, he has been active with the National Capital Chapter – ACI, and for the past 20 years served as Examiner with the Certification Committee.

Wilson received his BS in civil engineering from the Virginia Military Institute, Lexington, VA, in 1953, and his MS in civil engineering from the University of Maryland, College Park, MD, in 1960. He is a licensed professional engineer in Maryland.

Awards

ACI CONCRETE SUSTAINABILITY AWARD

ACI Concrete Sustainability Award—Given for demonstration or improvement in concrete's sustainable attributes through research, design, education, or construction; and/or the use of concrete in innovative ways to contribute to a more sustainable built environment.

"for his lifelong participation in and extraordinary advocacy of the advancements in concrete foundational to the environmental, social and economic benefits realized globally"

John W. Roberts, FACI, is the Chairman of Northeast Solite Corporation, Richmond, VA. He is a member of ACI Committees 130, Sustainability of Concrete; 224, Cracking; 308, Curing Concrete; 325, Concrete Pavements; and formerly 362, Parking Structures. He is a Past President of the Virginia Section, American Society of Civil Engineers (ASCE).

His awards include the ACI Cedric Willson Lightweight Aggregate Concrete Award, ACI Wason Medal for Materials Research, the Swarthmore College McCabe Engineering Award, and Heaton Award presented at the Leadership Conference in Blue Ridge, NC, and was recognized as the Outstanding Industrialist of the Year by the Virginia Science Institute.

Roberts received his BS from Swarthmore College, Swarthmore, PA, in 1939. He is a licensed professional engineer in Virginia.

Awards

"for his outstanding contributions to ACI and the CJSI helping the concrete community understand and institutionalize sustainability, and for his outreach and engagement with students and practitioners enhancing their understanding of concrete and its contribution to sustainable construction"

Larry Rowland has been the Manager Marketing & Technical Services for Lehigh White Cement Company, Allentown, PA, for 11 years. His experience includes 12 years in construction engineering and concrete material supply industries. He is Chair of ACI Committees 310, Decorative Concrete; 524, Plastering; and Subcommittee 310-L, Liaison; and Secretary of 308-310 TG2, Curing Decorative Concrete Joint Task Group; and a member of ACI Committees 124, Concrete Aesthetics; 130, Sustainability of Concrete; and 549, Thin Reinforced Cementitious Products and Ferrocement; and ACI Subcommittees 130-G, Education/Certification; 130-TG1, Sustainability of Concrete Editorial Task Group; and 310-J, Polished Finishes. Rowland was the ACI Ambassador Speaker to the China Concrete and Cement-Based Products Association's 2015 International Conference of Decorative Concrete Technology. He is a regular contributor to ACI convention sessions and co-authored ACI University's "Guide to Decorative Concrete" online program. Rowland is an expert on the topics of architectural and decorative concrete and is a Certified Construction Product Representative with the Construction Specifications Institute. He has served in numerous capacities with the Concrete Joint Sustainability Initiative (CJSI), the Portland Cement Association (PCA), and the Architectural Precast Association (APA). He has been a USGBC LEED Accredited Professional since 2004 and is a former Director of the Delaware Valley Green Building Council, his region's chapter of the USGBC. He has spoken internationally and on a national level to architects, engineers, students, and green building professionals on the topics of concrete sustainability, resilience, and high-performance concrete. In 2015, he was recognized by *Concrete Decor* magazine as one of the top Ten Influential People in the decorative concrete industry. Rowland received his associate degree in civil engineering from Santa Rosa Junior College, Santa Rosa, CA, and his BS in business from the University of Phoenix, Tempe, AZ, in 1987 and 2003, respectively. He is a member of the Precast/Prestressed Concrete Institute (PCI) Sustainability Committee.

Awards

"for his significant mentorship of the concrete community in the field of sustainability, and exemplary outreach to those in the public, private and social sectors improving recognition, understanding and appreciation for the sustainable benefits of concrete as a building material"

ACI member **Alan Sparkman** has served as the Executive Director of the Tennessee Concrete Association, Nashville, TN, since 1998. He is also an Adjunct Professor at Middle Tennessee State University, Murfreesboro, TN, teaching the Concrete Industry Management program's executive MBA program. He serves on the Board of Directors for the Tennessee Parks and Greenways Foundation, the United States Green Building Council – Tennessee Chapter, and the Tennessee Stormwater Association.

In 2004, Sparkman received the Kodak American Greenways Award from The Conservation Fund and National Geographic for his work supporting local trails and greenways through the Count on Concrete Bike Ride Across America. In 2010, Sparkman received the Tennessee Sustainability Award from the Tennessee Environmental Council. His research interests include controlled low-strength materials, concrete shrinkage, concrete maturity, and pervious concrete.

He received his BA in business administration from Mount Vernon Nazarene College, Mount Vernon, OH, in 1980, and his MBA from Jones International University, Boulder, CO, in 2004. He has also been certified as an ACI Concrete Field Testing Technician Grade I, an ACI Concrete Flatwork Finisher and Technician, and an Adhesive Anchor Installer.

Awards

ACI DISTINGUISHED ACHIEVEMENT AWARD

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.

"for providing the advancement of the concrete industry through advocacy and legislative action, promotion, and education"

The Wisconsin Ready Mixed Concrete Association (WRMCA), established in 1939, is a nonprofit professional organization committed to strengthening the ready mixed concrete industry in Wisconsin and Michigan's Upper Peninsula (UP). Since its inception, the Association has developed its structure and membership and is proud to represent over 100 member companies.

WRMCA comprises producer and associate members, overseen by the Board of Directors, and assisted by a talented professional staff comprising an Executive Director, Public Policy Director/Lobbyist, Association Manager, and Paving Consultant. The WRMCA contributes to and helps connect its members to the global knowledge community, while working collaboratively to advance the ready mixed industry in Wisconsin and Michigan's UP. Partnering with associations and academics, the WRMCA brings this knowledge to the marketplace for use by Wisconsin/Michigan UP contractors, engineers, architects, students and educators, government, regulatory agencies, owners, and the public.

The WRMCA creates a productive setting of support and information exchange among ready mixed industry stakeholders in Wisconsin and Michigan's UP, advancing the industry through the power of association in legislative, promotional, and educational arenas and helping producer members hurdle the increasingly complex challenges of successfully running a ready mixed operation.

The WRMCA presents several awards. The Annual Concrete Design Awards showcase innovative uses of concrete. The Annual Safety Awards highlight the operations with a frequency and severity rate better than OSHA's current Bureau of Labor Statistics national average. The Annual Driver Awards recognize the outstanding leaders within the industry who promote a commitment of health and safety. The WRMCA Member Scholarship assists students seeking further education to enter the ready mixed concrete industry. WRMCA educates through its convention, technical workshops, and regional seminars. The WRMCA is the local sponsor of ACI concrete field testing technician, flatwork, and strength testing, and National Ready Mixed Concrete Association (NRMCA) pervious concrete testing certification programs.

Awards

ACI EDUCATION AWARD

ACI Education Award—Recognizes individuals who have made notable contributions to the advancement of ACI Education or educational support activities. Notable contributions may be, but are not limited to: educational seminars; webinars; online training, document, or product development; product review; serving on task groups; and/or serving as a subject matter expert.

"in recognition of his determination in the development of 'Placing and Finishing Decorative Concrete Flatwork,' which will serve as the knowledge source for the Decorative Concrete Finisher certification program and fills the need for a comprehensive educational document on the design, construction, and maintenance of decorative concrete flatwork."

Lance Boyer is President of Trademark Concrete Systems, Inc., with three offices in Southern California: Anaheim, Los Angeles, and Oxnard. He has been involved in the decorative concrete industry since 1986 and founded Trademark Concrete Systems, Inc., in 1997.

Boyer is Chair of ACI Subcommittee C601-D, Decorative Concrete Finisher, and is a member of ACI Committee 310, Decorative Concrete. He received his BS in construction from Arizona State University, Tempe, AZ, in 1983.

Awards

"in recognition of his dedication and leadership in the development of the 'Guide to the Code for Evaluation, Repair, and Rehabilitation of Concrete Buildings,' which required extensive coordination, and detailed review to produce a document that furthered the understanding and dissemination of the ACI 562 repair code"

Jay H. Paul, FACI, is a semi-retired Senior Principal of Klein and Hoffman, Inc., Chicago, IL. He has been with the firm since 1971 and established the structural and architectural restoration group. He is a Past Chair and current member of ACI Committee 546, Repair of Concrete; Secretary of ACI Committee 563, Specifications for Repair of Structural Concrete in Buildings; and a member of ACI Committees 364, Rehabilitation, and 562, Evaluation, Repair, and Rehabilitation of Concrete Buildings. Recently, he served as Chair during the development of "Guide to the Code for Evaluation, Repair, and Rehabilitation of Concrete Buildings." Paul received the ACI Delmar L. Bloem Distinguished Service Award in 2007.

He has been a guest lecturer at the University of Illinois at Urbana-Champaign (UIUC), Champaign, IL. He is a Past President of the Structural Engineers Association of Illinois and is now a lifetime member. He is also a member of the International Concrete Repair Institute (ICRI) and formerly a member of the Chicago High-Rise Committee.

Paul received his BS in 1965 and MS in 1966 from UIUC. He is a licensed structural engineer in Illinois.

Awards

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

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.

"for contributions to advancing the use of innovative materials and technologies in concrete construction through research, technology transfer, and mentoring of younger colleagues and students"

Zachary C. Grasley is an Associate Professor and the Peter C. Forster Faculty Fellow I in the Zachry Department of Civil Engineering at Texas A&M University (TAMU), College Station, TX. He is also a faculty member in the Materials Science and Engineering Department and has been with TAMU for 8 years. Grasley also spent 2 years as a faculty member at Virginia Tech, Blacksburg, VA. He was awarded the ACI Walter P. Moore, Jr., Faculty Achievement Award in 2013. Grasley is Secretary of ACI Committee 236, Material Science of Concrete; and a member of the ACI Publications Committee; ACI Committees 231, Properties of Concrete at Early Ages; 241, Nanotechnology of Concrete; and 376, Concrete Structures for Refrigerated Liquefied Gas Containment. He is also a member of the American Society of Civil Engineers (ASCE). Grasley's research interests include concrete shrinkage, creep, durability and sustainability, nanomaterials, cryogenic concrete, poroelastic behavior, and early-age behavior. Grasley uses a combination of novel experiments and theoretical modeling in his research approach, with a focus on leveraging fundamental science. He has made contributions in uncovering new mechanisms for concrete creep and irreversible drying shrinkage and advanced the science of quantifying dispersion of nanomaterials in concrete. Additionally, he devised a novel method for quantifying concrete permeability. At TAMU, Grasley teaches classes on concrete, material science, and mechanics to students ranging from sophomore to PhD levels. He received his BS from Michigan Technological University, Houghton, MI, in 2001, and his MS and PhD from the University of Illinois at Urbana-Champaign, Champaign, IL, in 2003 and 2006, respectively.

Awards

"for outstanding service to advance the spread of concrete knowledge at the Chapter, national, and international levels with a focus on mentoring students to pursue research and careers in the field of civil engineering; and for contributing to the advancement of sustainable and durable construction through the use of innovative construction chemical aids"

Ishita Manjrekar has been Director (Technology) – SUNANDA Speciality Coatings Pvt. Ltd., Mumbai, India, for the past 9 years. She serves on the ACI International Advisory Committee, the Membership Committee, the Marketing Committee, the International Project Awards Committee, the IPAC Judging Subcommittee, and the Student and Young Professionals Activities Committee.

Her research interests include corrosion, admixtures, and protective coatings. She received her bachelor's degree in chemical engineering from the Institute of Chemical Technology, Mumbai, India, in 2005, and her MS in chemical engineering from Rensselaer Polytechnic Institute, Troy, NY, in 2007.

Awards

WASON MEDAL FOR MOST MERITORIOUS PAPER

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 and published by the Institute during the volume year for which the medal is awarded are eligible.

"for the proposed revision to the strength-reduction factor for nonprestressed reinforced concrete members subjected to flexural and axial load"

("Proposed Revisions to the Strength-Reduction Factor for Axially Loaded Members," September 2014, *Concrete International*, pp. 43-49)

Rémy D. Lequesne is an Assistant Professor at the University of Kansas, Lawrence, KS. He is Secretary of Joint ACI-ASCE Committee 408, Bond and Development of Steel Reinforcement, and is a member of Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures; ACI Subcommittees 318-J, Joints and Connections, and 544-C, FRC-Testing; and Joint ACI-ASCE Subcommittee 445-C, Shear and Torsion-Punching Shear. He is also a member of the American Society of Civil Engineers (ASCE).

Lequesne received the Charles Pankow Foundation ACI Student Fellowship in 2007 and the ACI W.R. Grace Scholarship in 2006. His research interests include reinforced concrete and fiber-reinforced concrete member behavior and earthquake-resistant design. He received his BSE, MSE, and PhD from the University of Michigan, Ann Arbor, MI, in 2005, 2007, and 2011, respectively.

Awards

José A. Pincheira, FACI, is an Associate Professor of civil and environmental engineering at the University of Wisconsin, Madison, WI, where he has been a faculty member for over 20 years.

Pincheira is a Past Chair and member of ACI Committee 369, Seismic Repair and Rehabilitation, and is a member of ACI Committee 374, Performance-Based Seismic Design of Concrete Buildings, and ACI Subcommittee 318-R, High Strength Reinforcement. He has also served as Secretary of ACI Committee 442, Response of Concrete Buildings to Lateral Forces, and as a member of the ACI Membership Committee; ACI Committee 368, Earthquake Resisting Structural Elements; ACI Subcommittee 318-D, Members; and the American Society of Civil Engineers (ASCE) Seismic Retrofit of Existing Buildings Standards Committee.

Pincheira's research interests include the behavior and design of reinforced concrete and the seismic rehabilitation and nondestructive testing of concrete structures. He has authored many journal articles and co-authored the textbook *Reinforced Concrete Design* with C. K. Wang and C. G. Salmon. He has received several awards, including the National Science Foundation (NSF) CAREER Award, the Chi Epsilon James M. Robbins Excellence in Teaching Award, and the Precast/Prestressed Concrete Institute (PCI) Martin P. Korn Award.

He received his BSc in civil engineering and Ingeniero Civil degree from the University of Chile, Santiago, Chile, in 1986; his MSc from the University of Manitoba, Winnipeg, MB, Canada, in 1988; and his PhD from the University of Texas at Austin, Austin, TX, in 1992.

Awards

ACI CONSTRUCTION AWARD

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.

"for the design and construction of the elliptical 45-story Emirates Pearl building and the unique solutions to encountered construction challenges"

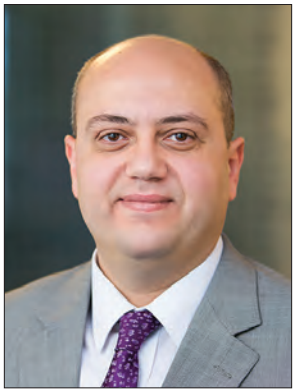
("Emirates Pearl Hotel—Design and Construction Challenges of a Twisting Tower in the Middle East," June 2014, *Concrete International*, pp. 40-44)

Ahmad Mohamed El Magdoub is Head of the Structural Department of Arabian Construction Company (ACC), Abu Dhabi, United Arab Emirates, where he has served for 27 years. He previously worked at ACC as a Structural Design Manager, and at Dar Al-Handasah Consultants (Shares and Partners), Cairo, Egypt, where he was a Senior Structural Engineer and then Group Leader.

His research interests include seismic and wind effects on high-rise buildings. El Magdoub received his BS with Honors in civil engineering from Ain Shams University, Cairo, Egypt, in 1987.

Whitney Morris is a Senior Structural Engineer with DeSimone Consulting Engineers, Abu Dhabi, United Arab Emirates. Over the past 7 years, she has worked on the design and managed construction on many notable high-rise buildings in both the San Francisco, CA, and Abu Dhabi offices of DeSimone. In 2012, she was recognized with the Young Engineer of the Year award from Big Project-Middle East.

Awards



Ahmed Osman is a Managing Principal with DeSimone Consulting Engineers, Abu Dhabi, United Arab Emirates. He joined the firm in 2004 and has headed the firm's Abu Dhabi office since 2011. Osman has over 20 years of experience designing high-rise buildings, sports facilities, and long-span roofs in New York and Abu Dhabi.

Osman has authored and co-authored many articles in *Concrete International* and *STRUCTURES* magazines. He also lectures in universities and design firms. He received his bachelor's degree from Ain Shams University, Cairo, Egypt, in 1996, and his master's degree from Stevens Institute of Technology, Hoboken, NJ, in 2007. He is a member of the American Institute of Steel Construction (AISC). He is also a licensed professional engineer in New York and New Jersey.

Awards

ACI DESIGN AWARD

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.

"for their study of the performance of reinforced concrete beam-column joints after New Zealand earthquakes between 2010 and 2012"

("Performance of Beam-Column Joints in the 2010-2012 Christchurch Earthquakes," March 2014, SP-296)

Weng Yuen Kam is an Associate Principal with Beca Ltd, Auckland, New Zealand, with 10 years of postgraduate experience in research and professional consultancy. He has worked on a number of significant projects in New Zealand, Singapore, and Dubai, including the New Zealand International Convention Centre and Hobson Hotel project, the Marina One mixed development in Singapore, the Meydan Racecourse in Dubai, and various seismic assessment and retrofit projects throughout New Zealand.

He is a task group leader on the New Zealand Society for Earthquake Engineering (NZSEE)/NZ Ministry of Business, Innovation and Employment (MBIE) committee to update the New Zealand guidelines for seismic assessment of existing structures. He is also involved with the NZSEE technical group on seismic isolation design guidelines and an industry-led task group on fiber-reinforced polymer design and specification. He has been a peer reviewer for the ACI Journals. Kam is serving on the NZSEE management committee for 2015-2016.

Kam received the 2007 NZSEE Best Research Paper award for his paper on seismic response of low-damage systems in near-fault earthquakes. He also was a co-recipient of the 2011 Institution of Professional Engineers New Zealand Fulton-Downer Gold Medal—The President's Award. His research interests include seismic evaluation of existing structures, nonductile concrete structures, displacement-based seismic design, and assessment and low-damage seismic systems.

Kam received his PhD from the University of Canterbury, Christchurch, New Zealand, in 2011 for developing techniques for seismic assessment and retrofit of nonductile reinforced concrete beam-column joints. He also received his undergraduate degrees in civil engineering and economics from the University of Canterbury. He is a NZ Chartered Professional Engineer (CPEng).

Awards

Roberto T. Leon, FACI, is the David H. Burrows Professor of Construction Engineering, The Charles E. Via, Jr. Department of Civil and Environmental Engineering, Virginia Tech, Blacksburg, VA, where he has served for 20 years. Previously, he was affiliated with the Georgia Institute of Technology, Atlanta, GA, for 16 years.

He has served on the ACI Publications Committee; Joint ACI-ASCE Committees 335, Composite and Hybrid Structures; 352, Joints and Connections in Monolithic Concrete Structures; and 408, Bond and Development of Steel Reinforcement; ITG-2, Reinforcing Bar Development Pattern Technology Transfer Group; and the Journal Oversight Committee.

Leon's research interests include behavior of reinforced concrete beam-column connections, bond of reinforcing bars under cyclic loads, design and behavior of composite structural systems, behavior of bolted connections subjected to large cyclic loads, design of steel-reinforced concrete and CFT composite columns, design of composite joists and trusses, long-term behavior of composite floors, design of innovative braced frames for large seismic loads, and development of innovative energy dissipation and recentering devices for small structures.

He received his BSCE in civil engineering from the University of Massachusetts, Amherst, MA; his MSCE in structural engineering from Stanford University, Stanford, CA; and his PhD in civil engineering from the University of Texas at Austin, Austin, TX, in 1978, 1979, and 1983, respectively. Leon is a member of the American Society of Civil Engineers (ASCE) and a Fellow of the Structural Engineering Institute (SEI).

Awards

Stefano Pampanin is Professor of Structural Design and Earthquake Engineering at the Department of Civil and Natural Resources Engineering at the University of Canterbury, Christchurch, New Zealand, since 2002. He has been actively involved in a variety of national and international code and technical committees for the preparation of design guidelines and standards including ACI Subcommittee 440-F, FRP-Repair-Strengthening, and various International Federation of Concrete and Standards New Zealand committees.

Pampanin served as Past President of the New Zealand Society for Earthquake Engineering from 2012 to 2014. In 2005, he was elected Fellow of the Institution of Professional Engineers New Zealand. He has received several awards for his research activities, including the *fib* Diploma 2003 for Younger Engineers (under 40 years old) and the 2005 EQC/NZSEE Ivan Skinner Award "for the advancement of Earthquake Engineering in NZ" (inaugural recipient).

His research interests include the development of innovative solutions for the seismic design of low-damage structural systems and seismic assessment and retrofit of existing reinforced concrete structures.

He received his Laurea in civil/structural engineering from the University of Pavia, Pavia, Italy, in 1997; his ME in structural engineering from the University of California, San Diego, La Jolla, CA; and his PhD in earthquake engineering from the Polytechnic University of Milan, Milan, Italy, in 2000. He is a Charter Professional Engineer in Italy and New Zealand.

Awards

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

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. The award need not be presented each year.

"for their experimental study of full-scale reinforced concrete assemblies subjected to critical loading conditions"

("Experimental Study of Reinforced Concrete Assemblies under Column Removal Scenario," July-August 2014, *ACI Structural Journal*, pp. 881-892)

Yihai Bao is an Assistant Project Scientist in the Department of Civil and Environmental Engineering at the University of California, Davis, Davis, CA. In the past 6 years, he has also worked as a Guest Researcher in the Engineering Laboratory at the National Institute of Standards and Technology (NIST), Gaithersburg, MD. His research interests include nonlinear modeling of structural behavior under extreme loads, large-scale experimental methods, and advanced scientific computational methods.

Bao received his bachelor's and master's degrees from Tongji University, Shanghai, China, and his doctoral degree from the University of California, Davis, in 2000, 2003, and 2008, respectively. He is an Associate Member of the American Society of Civil Engineers (ASCE) and a member of the Disproportionate Collapse Technical Committee.

ACI Honorary Member **H. S. Lew**, Senior Research Engineer, directs a broad range of research programs in the field of structural engineering. He joined the National Institute of Standards and Technology (NIST) in 1968 as a Structural Research Engineer. He successively served as Chief of the Construction Safety Section (1978-1985), Chief of the Structural Evaluation Section (1985-1989), and Chief of the Structures Division (1989-1998). Prior to joining NIST, he was an Assistant Professor at the University of Texas at Austin, Austin, TX.

Lew has served on the ACI Board of Direction, the Technical Activities Committee, the Fellows Nomination Committee, and the

Convention Committee; and is a Past Chair of the Board of Trustees of the Concrete Research Education Foundation, the Chapter Activities Committee, and the Concrete Research Council. He is a member of several ACI committees, including 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete; 228, Nondestructive Testing of Concrete; 318, Structural Concrete Building Code; 347, Formwork for Concrete; 348, Structural Reliability and Safety; 377, Performance-Based Structural Integrity & Resilience of Concrete Structures; and 437, Strength Evaluation of Existing Concrete Structures.

Lew received the ACI Wason Medals for Materials Research (1980) and for Most Meritorious Paper (1988); the ACI Henry L. Kennedy Award (1990); the ACI Chapter Activities Award (1995); and the ACI Henry C. Turner Medal (1999).

Lew received his BS in architectural engineering from Washington University, St. Louis, MO; his MS in civil engineering from Lehigh University, Bethlehem, PA; and his PhD from the University of Texas at Austin, in 1960, 1963, and 1967, respectively. He is a Fellow of the American Society of Civil Engineers (ASCE) and the Structural Engineering Institute (SEI), and a member of the Precast/Prestressed Concrete Institute (PCI). He is a licensed professional engineer in the District of Columbia, Maryland, and New York.

Santiago Pujol, FACI, is an Associate Professor of civil engineering at Purdue University, West Lafayette, IN, where he has taught for 10 years. He is a member of ACI Committees 133, Disaster Reconnaissance, and 314, Simplified Design of Concrete Buildings; Joint ACI-ASCE Committee 445, Shear and Torsion; and ACI Subcommittee 318-R, High Strength Reinforcement. His research interests include earthquake engineering; seismic vulnerability of existing structures; displacement-based seismic design; instrumentation and testing of structures; response of structures to impulsive loads; and monitoring, repair, and strengthening of structures.

Pujol received his BS from the National University of Colombia, Bogotá, Colombia, and his MS and PhD from Purdue University in 1996, 1997, and 2002, respectively.

Awards

ACI Honorary Member **Mete A. Sozen** has been teaching at Purdue University, West Lafayette, IN, as the Kettelhut Distinguished Professor of Structural Engineering since 1993. Prior to that, he was an Assistant Professor of civil engineering at the University of Illinois at Urbana-Champaign, Champaign, IL (1957), was promoted to Associate Professor (1959), and given the rank of Professor (1963).

His research interests include vulnerability assessment of building, transportation and massive structures, development of numerical nonlinear models for spatial dynamic response of reinforced concrete structures, effects of explosions on buildings, and uses of very high-strength concrete in earthquake-resistant design.

Sozen has been a member of the U.S. National Academy of Engineers and the Royal Swedish Academy of Engineering Sciences. He has been granted honorary doctorates by Boğaziçi University, Istanbul, Turkey; Pannonius University, Pécs, Hungary; and the Georgian Technical University, Tbilisi, Georgia; and honorary membership by the Association of Turkish Engineers, the American Society of Civil Engineers (ASCE), the Japan Society of Architectural Engineers, and the International Association of Earthquake Engineering. In 2006, he was recognized as one of the Top Ten Seismic Engineers of the 20th Century by *Engineering News-Record* and the Applied Technology Council.

He received his BSc in civil engineering from Robert College (now Boğaziçi University), Istanbul, Turkey, and his MS and PhD degrees in civil engineering from the University of Illinois in 1951, 1952, and 1956, respectively.

Awards

WASON MEDAL FOR MATERIALS RESEARCH

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.

"for their study of the hydration kinetics and reactivity of ferrite in industrial cement"

("C_4AF Reactivity—Chemistry and Hydration of Industrial Cement," March-April 2014, *ACI Materials Journal*, pp. 201-210)

Delia de Leon Guajardo is a Scientist at CEMEX Technical Center, CEMEX USA, Riverview, FL. She has 30 years of experience in the cement industry, including quality control, quality assurance, and specialization in clinker microscopy. Her research interests include cement quality control, low temperature process, clinker microstructure analysis, and clinker grindability.

De Leon Guajardo received her BS from Universidad Autónoma de Nuevo León, Monterrey, NL, Mexico, in 1984.

Hamid Farzam, FACI, is the Vice President of Technical Services and Quality Assurance for CEMEX USA, Houston, TX. He has more than 29 years of experience in cement and concrete technology as well as chemical admixtures used in underground, mining, and civil construction.

He has participated on numerous ACI committees and is a current member of ACI Committees 212, Chemical Admixtures; 222, Corrosion of Metals in Concrete; 229, Controlled Low-Strength Materials; 232, Fly Ash in Concrete; 365, Service Life Prediction; and 523, Cellular Concrete. He is a Past Chair of Committee 116, Nomenclature. He has also served on ASTM International committees as Chair of ASTM International Subcommittees C09.23.3, Chemical Admixtures, and ASTM C09.91, Terminology; and as a member of ASTM

Awards

International Committees C01, Cement, and C09, Concrete and Concrete Aggregates.

In 2000, Farzam received the ACI Wason Medal for Most Meritorious Paper for "Predicting the Service Life of Concrete Marine Structures: An Environmental Methodology." He was elected a Fellow of ACI in 2002. He received his master's degree in chemical engineering in 1985 from the University of Oklahoma, Norman, OK.

ACI member **Hugh H. Wang** was formerly the Director of CEMEX Technical Center, CEMEX USA, Riverview, FL. He is active in ASTM International. He was awarded Honorary Membership in ASTM International Committee C01, Cement, for outstanding contributions to standards and specifications development.

His research interests include cement chemistry and mineralogy, concrete technology, chemical admixtures, and compatibility of cementitious systems. Wang received his BS from Wuhan Institute of Building Materials, Hubei, China, in 1977; his MS from Wuhan University of Technology, Hubei, China, in 1982; and his PhD in material science from the University of Calgary, Calgary, AB, Canada, in 1991.

Awards

DELMAR L. BLOEM DISTINGUISHED SERVICE AWARD

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.

"for outstanding leadership of Committee 132, Responsibility in Concrete Construction"

Jeffrey W. Coleman, FACI, is a licensed professional engineer and Attorney at Law and Principal Partner of The Coleman Law Firm, LLC. He has been an ACI member for over 35 years. Coleman is the author of the book *Legal Issues in Concrete Construction*, published by ACI in 2004 (second edition published in 2015), and previously authored the "Concrete Legal Notes" section of *Concrete International*.

Coleman received his BS in civil engineering in 1976 and his MS in structural engineering in 1977 from Iowa State University, Ames, IA. He is a licensed engineer in Iowa, Minnesota, and Wisconsin and a lawyer in Minnesota, Wisconsin, and North Dakota; he practices regularly in other states through admission "Pro Hac Vice."

Coleman served as a member of the ACI Board of Direction and has been an active member of ACI Committees 215, Fatigue of Concrete, and 301, Specifications for Concrete. He also served as a member of the Construction Liaison Committee, the TAC Specifications Committee, the Financial Advisory Committee, the Convention Committee, and is Past Chair and current member of ACI Committee 132, Responsibility in Concrete Construction.

After completing his law degree in 1984, Coleman served as General Counsel for Ellerbe Associates, Inc. (later Ellerbe Becket, Inc., and now part of AECOM). He started his own firm in 1991, which was quickly merged and renamed Coleman, Hull & van Vliet, PLLP. In 2013, he founded The Coleman Law Firm, LLC—committed to continuing his representation of engineers, architects, and the concrete construction industry.

Coleman represents engineers, architects, concrete contractors and suppliers, and building owners in all aspects of construction. He is a Past President of the Minnesota Concrete Council (MCC) and a former Board member. He is also a Sustaining Member of the American Society of Concrete Contractors (ASCC). Coleman served five terms on the Board of Directors of the American Council of

Engineering Companies, Minnesota, and is one of the only two nonpracticing engineers to receive the Tom Roach Award for Outstanding Service and Motivation to the Consulting Engineering Professional Community. Coleman is a past member of the Minnesota Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience, and Interior Design (the Minnesota Licensing Board), and the University of Minnesota Concrete Conference Planning Committee. He is a frequent lecturer on topics involving construction law, but is also a regular practitioner involved with construction disputes involving concrete.

"for outstanding leadership of Committee 352, Joints and Connections in Monolithic Concrete Structures, Joint ACI-ASCE"

Mary Beth Deisz Hueste, FACI, is a Professor in the Zachry Department of Civil Engineering at Texas A&M University (TAMU), College Station, TX, where she has been a member of the structural engineering faculty for 17 years. Hueste is also the Major Highway Structures Program Manager and Acting Division Head for the Construction, Geotechnical and Structures Division within the TAMU Transportation Institute.

She has held leadership positions with ACI, including current Chair of Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures, and Past Secretary of the Reinforced Concrete Research Council. She is a member of ACI Committee 374, Performance-Based Seismic Design of Concrete Buildings, and ACI Subcommittee 318-J, Joints and Connections. She has also served as a member of the ACI Educational Activities Committee, Committee on Nominations, Committee on Awards for Papers, and Marketing Committee.

Her research interests include behavior, analysis, and design of reinforced and prestressed concrete building and bridge structures; nonlinear analysis and probabilistic assessment of structures under extreme loads; earthquake engineering; and assessment of aging and historic infrastructure. She has authored or co-authored over 70 technical papers and reports.

She received her BS from North Dakota State University, Fargo, ND, in 1988; her MS from the University of Kansas, Lawrence, KS, in 1993; and her PhD from the University of Michigan, Ann Arbor, MI, in 1997; all in civil engineering. She is a member of the American Society of Civil Engineers (ASCE) and is a licensed professional engineer in Kansas and Texas.

Awards

"for outstanding leadership of Committee 544, Fiber-Reinforced Concrete"

Barzin Mobasher, FACI, is a Professor in the School of Sustainable Engineering and the Built Environment at Arizona State University (ASU), Tempe, AZ. After working with USG Corporation, he joined the Civil Engineering program faculty at ASU in 1991. He has been a member of ACI since 1984.

He has over 30 years of experience in research and educational aspects related to the mechanics of concrete materials and has led many research projects involved with the modeling, design, analysis, materials testing, and full-scale structural testing of cement-based composite systems and structural materials. His publications include more than 150 research papers in journals and conference proceedings, as well as over 100 conference presentations. His fundamental contributions are in the field of fiber-reinforced concrete materials, textile reinforced concrete, and mechanics of toughening in cement-based systems, modeling the mechanical properties of materials, experimental mechanics, and durability of concrete.

Mobasher served as the Chair of ACI Committees 239, Ultra-High Performance Concrete; 544, Fiber-Reinforced Concrete; and 549, Thin Reinforced Cementitious Products and Ferrocement; and Joint ACI-ASCE Committee 446, Fracture Mechanics of Concrete. He has been a reviewer for a variety of journals. He is a member of the American Society of Civil Engineers (ASCE).

He received his BS in civil engineering from the University of Wisconsin-Platteville, Platteville, WI, (summa cum laude) in 1983; his MSCE from Northeastern University, Boston, MA, in 1985; and his PhD in civil engineering from Northwestern University, Evanston, IL, in 1990.

Awards

"for outstanding leadership of Committee 341, Earthquake-Resistant Concrete Bridges"

Sri Sritharan, FACI, is the Grace Miller Wilson and T.A. Wilson Endowed Engineering Professor of the Department of Civil, Construction, and Environmental Engineering at Iowa State University (ISU), Ames, IA, where he served as an Associate Department Chair, Director of Graduate Education, and Faculty Lead for the Wind Energy Initiative. His research expertise includes lateral load design of structures, precast systems, tall concrete wind turbine towers, ultra-high-performance concrete (UHPC), and soil foundation structure interaction. Sritharan is the immediate Past Chair of ACI Committee 341, Earthquake-Resistant Concrete Bridges. He is also a member of Joint ACI-ASCE Committees 445, Shear and Torsion, and 447, Finite Element Analysis of Reinforced Concrete Structures. He also served as a Co-Chair of ACI Subcommittee 341-C, Earthquake Resistant Bridges-Retrofit.

Sritharan has published over 200 journal and conference papers and has advised more than 50 MS and PhD students. In 2015, he received the Martin P. Korn Award from the Precast/Prestressed Concrete Institute (PCI) and the Renewable Energy Impact Award from the Iowa Energy Center. Sritharan received his bachelor's degree with First Class Honors from the University of Peradeniya, Peradeniya, Sri Lanka; his master's degree with Distinction from the University of Auckland, Auckland, New Zealand; and his PhD in structural engineering from the University of California, San Diego, La Jolla, CA, in 1985, 1989, and 1998, respectively.

Awards

CHAPTER ACTIVITIES AWARD

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 Award Committee and are approved by the Board.

"for her outstanding contributions and support to the Guatemala Chapter – ACI"

Xiomara Sapon-Roldan has been a Training Manager at the Guatemalan Cement and Concrete Institute since 2007. She is a member of the ACI Certification Programs Committee and Chapter Activities Committee. She also serves as Secretary of the Guatemala Chapter – ACI.

Sapon-Roldan's research interests include construction materials, quality control, construction pathology, and sustainability. She is a member of ASTM International. She received her degree in civil engineering from Universidad de San Carlos de Guatemala, Guatemala City, Guatemala, in 2003, and her master's degree in industrial management from Universidad Rafael Landivar, Guatemala City, Guatemala, in 2013.

"for his outstanding commitment to the advancement of concrete education through his activities in the Intermountain Chapter – ACI"

Jeffrey Tanabe has been the Marketing/Technical Services Manager for CMT Engineering Laboratories, Salt Lake City, UT, for the past 11 years. Previously, he was an Analytical Chemist for Utah Portland Cement/Lone Star Cement in Salt Lake City and QA/QC Manager for MONROC Utah Aggregate, Asphalt, Ready Mix and Precast operations.

He spent several years as a Technical Sales, Product Development, and Marketing Representative for Utelite Corporation (manufacturer of expanded clay and shale ceramic aggregates in Utah); Pozzolanic International (a U.S. and Canadian fly ash distributor); and Holnam Inc., (cement manufacturer and distributor, Devils Slide, UT, for Utah, Wyoming, and Idaho).

Tanabe is active on the Intermountain Chapter – ACI, where he has served as Chair on numerous committees, and was also an Officer on the Chapter's Board of Direction, Vice President, and Chapter President. He received a chapter award for his involvement with the ACI Spring Convention in Salt Lake City.

Awards

WALTER P. MOORE, JR. FACULTY ACHIEVEMENT AWARD

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.

"for integrating the study of cementitious materials, including concepts of sustainability and the impact of cement and concrete on the environment, into general undergraduate materials engineering courses and thus encouraging undergraduate student interest in cementitious materials research and the cement-based materials industry"

Gaurav N. Sant is an Associate Professor and the Edward K. and Linda L. Rice Endowed Chair in Materials Science in the Department of Civil and Environmental Engineering and a member of the California Nanosystems Institute at the University of California, Los Angeles, Los Angeles, CA.

Sant has authored or co-authored over 80 papers in international journal and conference publications. He was the recipient of the National Science Foundation (NSF) CAREER Award and the Hellman Fellowship in 2013. His research interests include better understanding the relations between the composition, structure, and properties of cementitious materials and porous media. Efforts toward reducing the CO_2 impacts of construction materials and civil engineering infrastructure on the environment are of special interest.

He is a member of ACI Committees 212, Chemical Admixtures; 231, Properties of Concrete at Early Ages; and 236, Material Science of Concrete. He is also a member of ASTM International Committees C01, Cement, and C09, Concrete and Concrete Aggregates; and a member of the American Society of Civil Engineers (ASCE), RILEM, and the American Ceramic Society. He received his BSCE, MSCE, and PhD in civil engineering from Purdue University, West Lafayette, IN, in 2006, 2007, and 2009, respectively, and spent a postdoctoral year as a Research Scientist in 2010 at the Ecole Polytechnique Federale de Lausanne (EPFL), Lausanne, Switzerland.

Awards

T.Y. Lin Award

TBD March 2016

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 ACI.

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 100 possible points. Those chapters receiving 70 or more points are deemed to have achieved a ranking of "excellent." Those receiving a minimum of 55 points up to a maximum of 69 points are accorded "outstanding" status.

For a list of 2015 Excellent and Outstanding Chapters, please visit www.concrete.org/chapters/chapterawards.aspx.

Awards

University Awards

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.

ACI Excellent University Award 2015

Arizona State University
Auburn University
Missouri S&T
National Polytechnic Institute
New Jersey Institute of Technology
North Carolina State University
Pennsylvania State University
Polytechnic University of Puerto Rico
San Jose State University
Texas State University
Universidad Autónoma de Nuevo León
Universidad Rafael Landívar Campus Quetzaltenango
Universidad San Francisco de Quito
Université de Sherbrooke
University of Alabama
University of Arkansas – Fayetteville
University of Illinois at Urbana-Champaign
University of Manitoba
University of Minnesota – Duluth
University of North Carolina at Charlotte
University of Puerto Rico – Mayagüez
University of Texas at Austin

ACI Outstanding University Award 2015

British Columbia Institute of Technology
Cleveland State University
Instituto Tecnoligico de La Paz
NED University of Engineering and Technology
Michigan Technological University
Middle Tennessee State University
Pittsburg State University
Rose-Hulman Institute of Technology
Universidad Galileo
University of Colorado Denver
University of Engineering and Technology Lahore, Pakistan
University of Florida
University of Georgia
University of Kansas
University of Victoria
University of Windsor
University of Wisconsin–Madison

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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 website, www.concrete.org, or by contacting Diane Pociask at Diane.Pociask@concrete.org.

American Concrete Institute

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