



2019 Awards Program

March 24 • Québec City Convention Centre
Québec City, Québec, Canada

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2019 Listing of Awardees

The following individuals will be receiving awards at The ACI Concrete Convention and Exposition – Spring 2019 in Québec City.

HONORARY MEMBERSHIP

Gregory P. Chacos
Uğur Ersoy
Michael C. Forde

Catherine E. French
Robert Douglas Hooton
Kenneth C. Hover

50-YEAR MEMBERSHIP

Vinod Mohanlal Badani
Craig E. Barnes
Hershell Gill
Ovidio A. Gonzalez
Henry G. Russell
Carl R. Sundquist

C. Nicholas Watry
David E. Groblewski
Narayan M. Prachand
Zdeněk P. Bažant
Allen K. Holmes
P. Kumar Mehta

Chat Tim Tam
Venkataswamy
Ramakrishnan
John J. Zils

FELLOWS

Matthew P. Adams
Joaquim A. O. Barros
Lance A. Boyer
Martin A. Cuadra
Geert De Schutter

John S. Lund
Moncef Nehdi
Hong-Gun Park
Chris Ramseyer
Mehrdad Sasani

Michael D. Serra
Robert M. Simonelli
Anthony M. Sorcic

PERSONAL AWARDS

ARTHUR R. ANDERSON MEDAL

Kimberly E. Kurtis

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

Ward R. Malisch

JOE W. KELLY AWARD

Jack P. Moehle

HENRY L. KENNEDY AWARD

Wassim Michel Ghannoum

ALFRED E. LINDAU AWARD

José M. Izquierdo-Encarnación

HENRY C. TURNER MEDAL

Basile G. Rabbat

CHARLES S. WHITNEY MEDAL

Sergio M. Alcocer

CEDRIC WILLSON LIGHTWEIGHT AGGREGATE CONCRETE AWARD

Jeffrey F. Speck

2019 Listing of Awardees

ACI CONCRETE SUSTAINABILITY AWARD

Julie K. Buffenbarger

ACI STRATEGIC ADVANCEMENT AWARD

Florian G. Barth

ACI CERTIFICATION AWARD

Werner K. Hellmer • Claude E. Jaycox • Christopher J. Robinson

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

Mehdi Bakhshi • Ann Harrer • Karla Kruse Salahshour

PAPER AWARDS

WASON MEDAL FOR MOST MERITORIOUS PAPER

Johan Silfwerbrand

ACI CONSTRUCTION AWARD

Pedro Serna Ros • Juan Ángel López • Esteban Camacho Torregrosa
Juan Navarro-Gregori • Hugo Coll Carrillo

WASON MEDAL FOR MATERIALS RESEARCH

Ara A. Jeknavorian • Josephine Cheung • Eric Koehler • Peter Zhou

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

Yail Jimmy Kim • Abdulaziz Alqurashi

ACI DESIGN AWARD

Roberto Stark • Christopher Crilly • Mark J. Tamaro

DELMAR L. BLOEM DISTINGUISHED SERVICE AWARD

Wassim Michel Ghannoum • Mahmoud Reda Taha • Lawrence L. Sutter

ACI EDUCATION AWARD

Ronald O'Kane

CHAPTER ACTIVITIES AWARD

James Bristow • Kristen Freeman • J. Scott Keim • Shri. Chetan R. Raikar

WALTER P. MOORE, JR. FACULTY ACHIEVEMENT AWARD

Ardavan Yazdanbakhsh

ACI FOUNDATION AWARDS

ARTHUR J. BOASE AWARD

Long T. Phan

ROBERT E. PHILLEO AWARD

David Darwin

JEAN-CLAUDE ROUMAIN INNOVATION IN CONCRETE AWARD

Lawrence L. Sutter

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, 255 have been elected to this position.**

Honorary Members

“for more than 60 years of extraordinary service to ACI and the concrete industry as a leading structural engineer, especially in the areas of post-tensioning and prestressed concrete”



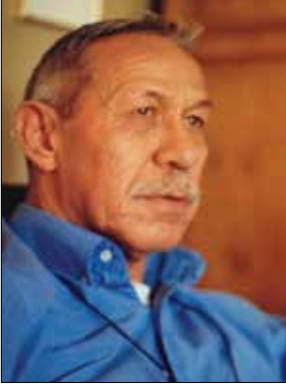
Gregory P. Chacos is an Independent Consulting Engineer who has been active in structural engineering since 1957. Projects include residential, commercial, and industrial buildings, as well as sports stadiums, bridges, and steel mills. He worked for 10 years as a structural designer for various firms in Cleveland, OH, and started his own structural design business in 1967 to provide services for architects, owners, and contractors. Chacos is licensed as a professional engineer in 15 states, is a licensed structural engineer in Illinois, and is a licensed professional engineer in North Carolina, Ohio, and Pennsylvania. In 1985, Chacos' interests turned toward

an independent practice specializing in investigation of structural problems. This practice has been continuous except for a period between 2001 and 2005, when he was employed as a Senior Consultant by Wiss, Janney, Elstner Associates, Inc., to assist with expansion of their presence in the Cleveland, OH, area.

Chacos offers investigation services to a diverse group of clients that includes owners, contractors, and attorneys. Current projects are more involved with litigation assistance than in the past, but the projects are still approximately evenly divided between representation of plaintiffs and defendants.

Honorary Members

“for contributions in education, research, and practice that have improved reinforced concrete design and construction in Turkey, and in seismic zones around the world”



Uğur Ersoy received his bachelor's degree in civil engineering from Robert College, Istanbul, Turkey, in 1955. After receiving his master's degree and PhD at the University of Texas at Austin, Austin, TX, he worked for 2 years at the design office of Raymond C. Reese and Associates in Toledo, OH.

He joined Middle East Technical University (METU), Ankara, Turkey, in 1959, where he founded the first structural research laboratory and initiated experimental research in structural engineering in Turkey. He has served as Vice President, Dean, and Department Chair at METU. During these years, he has taught almost 5000

civil engineering graduates. Recently he has been a professor in the Department of Civil Engineering at Boğaziçi University, Istanbul, Turkey.

Over the past 50 years, Ersoy has been involved in experimental research on the behavior of reinforced and precast concrete structures, concentrating on seismic behavior and rehabilitation. He and his team have developed techniques for repair and strengthening of seismically deficient buildings by using concrete infilled frames. The outcome of these research projects has been used in the rehabilitation of hundreds of earthquake-damaged buildings in Turkey. Ersoy has contributed to the progress of the structural and seismic engineering practice and education in Turkey and to the development of Turkish and European Reinforced Concrete and Seismic Design Codes.

He has published over 150 papers and books on reinforced concrete and structural mechanics, as well as six books of short stories, two of which were best sellers. He has authored or coauthored 12 papers in ACI publications. He received the Wason Medal for Materials Research from ACI in 1969 and the Science Award from the Parlar Foundation in 1985.

Honorary Members

“for long-time technical contributions and commitment to ACI and the concrete industry, particularly in the advancement of technology and techniques in nondestructive testing”



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

He is Chair of ACI Committee 228, Nondestructive Testing of Concrete. His research interests include nondestructive testing of concrete and other construction materials, and high-speed rail track bed.

Forde received his BEng in civil engineering from the University of Liverpool, Liverpool, England, UK in 1966, and his MSc in highway and traffic engineering and his PhD in geomechanics from the University of

Birmingham, Birmingham, UK, in 1970 and 1975, respectively. He is a chartered civil and electrical engineer in the UK.

Honorary Members

“for improving the design, safety, and construction of structural concrete buildings and bridges through research, teaching, and outreach, and for leadership of technical committees within the American Concrete Institute”



Catherine E. French, FACI, is College of Science and Engineering Distinguished Professor at the University of Minnesota, Minneapolis, MN, where she has been a member of the faculty for more than 30 years.

She is a past member of the ACI Board of Direction, the Technical Activities Committee, and numerous other ACI committees, including the Publications Committee, Honors and Awards Committee, Fellows Nomination Committee, Membership Committee, and Joint ACI-ASCE Committees 352, Joints and Connections in Monolithic Concrete Structures; 408,

Bond and Development of Steel Reinforcement; 423, Prestressed Concrete; and 445, Shear and Torsion. In 1993, she served as Secretary of the Minnesota Chapter – ACI Convention Planning Committee. She has been a member of ACI Committee 318, Structural Concrete Building Code, since 1995. She chaired ACI Subcommittee 318-B, Bond and Development (renamed Anchorage and Reinforcement), from 2004 to 2014.

French’s research addresses the behavior of reinforced and prestressed concrete structural systems, field monitoring of bridges, numerical and experimental investigations of structural systems including the effects of earthquakes, evaluation and repair of damaged structures, and development and application of new materials. She is a member of the American Society of Civil Engineers (ASCE) and a Fellow of the Precast/Prestressed Concrete Institute (PCI). French is a recipient of numerous awards, including the 2010 ACI 318 Leadership and Service Award, 2004 ACI Henry L. Kennedy Award, 2000 ACI Foundation Concrete Research Council Arthur J. Boase Award, and the 2015 ACI Joe W. Kelly Award.

She received her BCE from the University of Minnesota – Twin Cities, Minneapolis, MN, in 1979, and her MS and PhD in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1980 and 1984, respectively.

Honorary Members

“for contributions to ACI and the concrete industry in the areas of concrete materials, concrete durability, and sustainability of concrete construction particularly through research, teaching, and development of standards and codes”



Robert Douglas Hooton, FACI, is a Professor and NSERC/Cement Association of Canada Senior Industrial Research Chair in Concrete Durability and Sustainability in the Department of Civil Engineering at the University of Toronto, Toronto, ON, Canada. His research has focused on the durability performance of cementitious materials in concrete as well as on performance testing and specifications. His durability research has encompassed most forms of concrete degradation, including sulfate resistance, acid resistance, alkali-aggregate reaction, corrosion, and freezing and thawing, as well as deicer salt scaling.

Hooton is past Chair of ACI Committee 233, Ground Slag in Concrete, and Co-Chair of ACI Subcommittee 130-A, Sustainability of Materials, as well as Chair of ACI Committee 201, Durability of Concrete. He is a member of numerous ACI committees, including 130, Sustainability of Concrete; 221, Aggregates; 225, Hydraulic Cements; 232, Fly Ash in Concrete; 236, Material Science of Concrete; 240, Pozzolans; 329, Performance Criteria for Ready Mixed Concrete; 365, Service Life Prediction; S801, Student Competitions; Faculty Network; and Innovation Task Group 10, Alternative Cementitious Materials. He also serves on ACI Subcommittee 318-A, General, Concrete, and Construction.

Hooton was a co-recipient of the ACI Wason Medal for the Most Meritorious Paper in 2015, and he received the ACI Foundation Robert E. Philleo Award in 2013 and the ACI Arthur R. Anderson Medal in 2011.

He is a Fellow of ASTM International, the American Ceramic Society, the Engineering Institute of Canada, and the Canadian Academy of Engineering. He is a member of several Canadian Standards Association (CSA), ASTM, and RILEM technical committees. He is Chair of the RILEM Educational Activities Committee; Vice Chair of CSA Committee A3001, Hydraulic Cements; and Vice Chair of ASTM Committee 01, Hydraulic Cements.

Honorary Members

“for outstanding leadership, vision, and dedication as ACI President, and life-long contributions to the institute’s administrative, technical, and educational goals in the advancement of concrete knowledge”



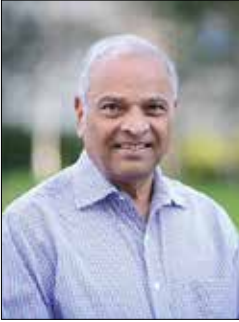
Kenneth C. Hover is Professor of civil and environmental engineering (CEE) at Cornell University, Ithaca, NY, where his teaching and research focus on concrete materials, design, and construction. He served as a Captain in the U.S. Army Combat Engineers, and was Project Engineer and Project Manager for Dugan and Meyers Construction Co., Cincinnati, OH, working on buildings, interstate bridges, and water treatment plants. Joining THP Structural Engineers in Cincinnati, he became a Partner and Manager engaged in the design and repair of buildings and industrial facilities.

Hover’s PhD studies at Cornell were funded by the Exxon Fellowship, designed to bring experienced professionals to engineering programs at U.S. universities. He teaches reinforced and prestressed concrete design, concrete materials, and construction management. In addition to his technical courses, Hover lectures on management skills, leadership, and professional ethics. His research interests include freezing-and-thawing durability, mixture proportions and ingredients, behavior and testing of fresh concrete, and the impact of construction operations and construction environment on concrete quality. He is a Fellow and Past President of ACI, Past President of the Greater Miami Valley Chapter – ACI, and a member of ACI Committees 301, Specifications for Structural Concrete; 305, Hot Weather Concreting; 306, Cold Weather Concreting; and ACI Subcommittee 318-A, General, Concrete, and Construction (Structural Concrete Building Code).

He holds the Outstanding Educator Award from the American College Personnel Association (ACPA) and has received ACI’s Kelly, Philleo, Anderson, and Structural Research Awards and the American Society of Civil Engineers (ASCE) Materials Division Best Basic Research Paper Award. He holds the top teaching awards in CEE (Chi Epsilon Award), the College of Engineering (Tau Beta Pi Award), and Cornell University (The Stephen A. Weiss Presidential Fellowship), plus the Senior Class of 2015 Award as one of the top 1% of Professors at the University. In 2006, he was named one of the “Ten Most Influential People in the Concrete Construction Industry.” Hover received his bachelor’s and master’s degrees in civil engineering from the University of Cincinnati, Cincinnati, OH, and his PhD in structural engineering from Cornell University. He is a licensed professional engineer in Ohio and New York.

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.



Vinod Mohanlal Badani



Craig E. Barnes



Zdeněk P. Bažant



P. Kumar Mehta



**Venkataswamy
Ramakrishnan**



Henry G. Russell



Carl R. Sundquist



John J. Zils

NOT PICTURED:

**Hershell Gill
Ovidio A. Gonzalez
David E. Groblewski
Allen K. Holmes
Narayan M. Prachand
Chat Tim Tam
C. Nicholas Watry**

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

Fellows



Matthew P. Adams is an Assistant Professor in the John A. Reif, Jr. Department of Civil and Environmental Engineering at New Jersey Institute of Technology in Newark, NJ, where he has worked the last 4 years.

Adams is Secretary of ACI Committee 555, Concrete with Recycled Materials. He is also a member of ACI Committees 201, Durability of Concrete; 221, Aggregates; 236, Materials Science of Concrete; S806, Young Professional Activities; the Membership Committee; and ACI Subcommittee 201-H, Aggregate Reactions.

He was recognized by ACI with the Young Member Award for Professional Achievement in 2015. He was also the recipient of a Concrete Research Council Research Award from the ACI Foundation in 2018 for research on guideline development for using recycled concrete aggregates in new concrete.

His research interests include the role aggregates play in cement hydration and concrete performance, the use of rapid repair materials and alternative cements, the use of recycled concrete aggregates in concrete, alkali-silica reaction, and hydration and properties of alternative cement concrete systems.

He received his BS in civil engineering from the University of New Hampshire, Durham, NH, in 2006, and his MS and PhD from Oregon State University, Corvallis, OR, in 2012 and 2015, respectively.



Joaquim A. O. Barros is Full Professor of the Department of Civil Engineering of the University of Minho, Braga, Portugal, in charge of the Structural Concrete Research Group of the Institute for Sustainability and Innovation in Structural Engineering (ISISE).

He is a member of ACI Committees 440, Fiber-Reinforced Polymer Reinforcement, and 544, Fiber-Reinforced Concrete. He is a member of the Board of the Portuguese Group of Structural Concrete (GPBE—Portuguese representative of *fib*) and member, as specialist in structural engineering, of the

Engineering Portuguese Association.

His research interests include structural strengthening, composite materials, fiber-reinforced concrete, the development of constitutive models for the simulation of the behavior of cement-based and polymer-based materials, and their implementation in software based on the finite element method. He is the co-founder of the FEMIX FEM-based computer program for advanced structural analysis, and the founder of the CiviTest Company.

He received his civil engineering degree in 1985 and his master's degree and PhD in structural engineering in 1988 and 1996, respectively, from the Faculty of Engineering of Porto University, Porto, Portugal.

Fellows



Lance A. Boyer is President of Trademark Concrete Systems, Inc., with headquarters in Camarillo, CA, and a regional office in Los Angeles, CA.

He is past Chair of ACI Committee C601-D (inactive) and is now Chair of ACI Committee C641, Decorative Concrete Finisher Certification. He is a member of the American Society of Concrete Contractors. He received the ACI Education Award in 2016 for the development of the ACI publication “Placing and Finishing Decorative Concrete Flatwork,” which serves 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.

He received his BS in construction from the Fullmer School of Engineering of Arizona State University, Tempe, AZ, in 1983. He is a licensed concrete and general contractor in the state of California.



Martin A. Cuadra is a Senior Principal and a founding partner of Uzun + Case, LLC, with offices in Atlanta, GA, and Raleigh, NC. He has 36 years of experience in structural design, contract administration, due diligence review, and structural repairs and retrofit of existing structures.

Cuadra is a long-time member of ACI and Past President of the Georgia Chapter – ACI. He is a Fellow and an active member of the Post-Tensioning Institute (PTI), where he is a voting member of PTI Committees CRT-20, Unbonded Tendon Plant Certification; DC-20, Building Design; and PTI

Subcommittee DC-20A, BIM. In addition, he is a member of PTI-TAB, Technical Advisory Board. Cuadra is also an active member of the Precast/Prestressed Concrete Institute (PCI) and a voting member on the committee for the eighth and ninth editions of the *PCI Design Handbook*.

Cuadra is a recipient of the Leslie D. Martin Award for the publication of a PCI-published document judged to be technically outstanding.

He has been successfully involved with a large number of projects located in the United States and the Caribbean. His projects feature millions of square feet of cast-in-place, precast, and post-tensioned concrete structures including office buildings, medical office buildings, educational facilities, parking decks, hotels and residential towers, as well as federal projects designed against progressive collapse and blast loads.

He received his BSCE from the University of Miami, Coral Gables, FL, in 1982 and is a licensed professional engineer in Georgia and 16 other states.

Fellows



Geert De Schutter is Full Professor at the Magnel Laboratory for Concrete Research, and Head of the Structural Engineering Department, Faculty of Engineering and Architecture, Ghent University, Ghent, Belgium. He is currently also holder of an Advanced Grant of the European Research Council.

He is a member of ACI Committees 231, Properties of Concrete at Early Ages, and 237, Self-Consolidating Concrete. He regularly contributes to the ACI International Forum, representing RILEM, the International Union of Laboratories

and Experts in Construction Materials, Systems and Structures.

He is laureate of several national and international awards, which include the ACI Arthur R. Anderson Medal in 2014.

His research interests include concrete technology, hydration and microstructure development, rheology of fresh cementitious materials, properties of hardening concrete, durability of cementitious materials, self-consolidating concrete, ultra-high-performance concrete, and three-dimensional printing of concrete.

He received his MSc and PhD in civil engineering from Ghent University in 1990 and 1996, respectively.



John S. Lund is a Principal at Martin/Martin, Inc., a full-service structural and civil engineering firm headquartered in Denver, CO. Lund has over 30 years of experience in the structural design, assessment, evaluation, and repair of buildings and other structures. He manages the Structural Investigations Group at Martin/Martin, a team of 30 engineers and technicians who specialize in repair of existing buildings, bridges, and other structures.

He is Chair of ACI Committee 563, Specifications for Repair of Structural Concrete in Buildings; past Chair of ACI Committee 546, Repair of Concrete; and a member of numerous other ACI committees, including ACI Committee 364, Rehabilitation; 562, Evaluation, Repair, and Rehabilitation of Concrete Buildings; E706, Concrete Repair Education; and the TAC Repair and Rehabilitation Committee. He is Past President of the Rocky Mountain Chapter of the International Concrete Repair Institute (ICRI).

Fellows



Moncef Nehdi is a Professor in the Department of Civil and Environmental Engineering at Western University, London, ON, Canada. He is a prolific author with more than 300 technical papers. He was listed among the world's most-cited authors in civil engineering in the 2016 Shanghai ranking of academic subjects.

Nehdi is Chair of ACI Committee 555, Concrete with Recycled Materials, and is a member of ACI Committees 225, Hydraulic Cements; 236, Material Science of Concrete; 238, Workability of Fresh Concrete; 241, Nanotechnology of Concrete; and S803, Faculty Network Coordinating Committee. He received the ACI Young Member Award for Professional Achievement in 2003.

His current research interests include self-healing and biomimicry in concrete, phase change materials in construction, stimuli responsive and multi-functional materials, sustainability and eco-efficient materials, resilience, integrated testing, and added manufacturing.

He received his BAsC from Laval University, Québec City, QC, Canada, in 1991; his MASc from Sherbrooke University, Sherbrooke, QC, Canada, in 1993; and his PhD from the University of British Columbia, Vancouver, BC, Canada, in 1998. He is a licensed professional engineer in Ontario, Canada.



Hong-Gun Park is a Professor in the Department of Architecture & Architectural Engineering at Seoul National University, Seoul, South Korea, where he has served on the faculty since 1997.

He is a member of Joint ACI-ASCE Committees 421, Design of Reinforced Concrete Slabs, and 445, Shear and Torsion; the International Advisory Committee; and the International Conferences/Conventions subcommittee. Park is a former Vice President of the Korea Concrete Institute, and is serving as the director of Korean Building Code Center in Architectural

Institute of Korea and a Vice President of the Korean Structural Engineers Association. He is a member of National Engineering Academic Society in Korea, and the Korean Academy of Science and Technology.

Park received the ACI Chester Paul Siess Award for Excellence in Structural Research in 2009 and 2012.

His research interests include earthquake design of reinforced concrete and composite structures, material model for nonlinear finite element analysis, and evaluation of existing building structures.

Park received his BS and MS in architectural engineering from Seoul National University in 1985 and 1987, respectively, and his PhD in civil engineering from the University of Texas at Austin, Austin, TX, in 1994. He is a licensed professional engineer in South Korea.

Fellows



Chris Ramseyer has taught in the Department of Civil Engineering and Environmental Science at the University of Oklahoma since 2000. He is presently an Associate Professor and for the last 10 years, he has also been the Director of the Donald G. Fears Structural Engineering Laboratory.

Ramseyer is the Chair and former Secretary of ACI Committee 223, Shrinkage-Compensating Concrete. He is also a member of ACI Committees 242, Alternative Cements, and S802, Teaching Methods and Educational Materials.

His research interests include shrinkage in concrete, shrinkage-compensating concrete, calcium sulfoaluminate cements, very-early-strength cements, and expansive cements. His structural research interests include design, rehabilitation, and repair of pavement and bridges and lateral load resistance of structures due to high-wind events.

He received his BS, MS, and PhD in civil engineering from the University of Oklahoma, Norman, OK, in 1998, 1999, and 2005, respectively. He is a licensed professional engineer in California, Oklahoma, Texas, and Wyoming.



Mehrdad Sasani is a Professor in the Department of Civil and Environmental Engineering at Northeastern University, Boston, MA, where he has served for 17 years.

Sasani has been Chair of ACI Committee 377, Performance-Based Structural Integrity and Resilience of Concrete Structures, since its formation in 2013, and is a member of ACI Committee 374, Performance-Based Seismic Design of Concrete Buildings. He has served on the ACI Committee on Awards for Papers and ACI Certification Committee for concrete licensing program. Sasani is a Fellow of the American

Society of Civil Engineers (ASCE) and serves on the editorial board of the ASCE *Journal of Structural Engineering*.

His research interests include progressive collapse resistance of reinforced concrete (RC) and post-tensioned concrete structures, seismic evaluation of existing and design of new RC structures, structural integrity and reliability, and community resilience.

He received his BS in civil engineering and his MS in structural engineering from Tehran Polytechnic, Tehran, Iran, in 1985 and 1987, respectively, and his PhD in structural engineering from the University of California, Berkeley, Berkeley, CA, in 2001. He is a licensed professional engineer in California and Massachusetts.

Fellows



Michael D. Serra is Vice President of Marketing and Technical Services for Castle & Cooke Building Materials. He is responsible for the financial, technical, and sustainability growth of Rancho Ready Mix Concrete, Pacific Aggregates, and Pacific Clay Products business units. He joined the Castle & Cooke Building Materials Group as a Vice President in August 2010.

On the national ACI level, Serra is an active member of ACI Committees 229, Controlled Low-Strength Materials; 232, Fly Ash in Concrete; and 240, Pozzolans. He Co-Chaired the 2002 ACI Spring Convention in San Diego, CA. He has served on the San Diego International Chapter – ACI since 1995 as a Trustee, Secretary, Vice President, and Chapter President. Additionally, he has supported and participated in and with the Southern California, Northern California and Western Nevada, and Utah chapters of ACI. He is an active member of ASTM Committees C01, Cement, and C09, Concrete and Concrete Aggregates.

His research interests include optimizing portland cement concrete performance incorporating supplementary cementitious materials, state-of-the-art chemical admixtures, and maximizing fine and coarse aggregate particle shapes and combined gradations to meet specific job specifications using regionally available materials.

Serra received his BS in business marketing from the University of Phoenix in 2002. He has been LEED AP BD + C credentialed since 2009.



Robert M. Simonelli is the Director of Construction Services and a Senior Consultant and Principal with Structural Services Inc. (SSI). His flatwork expertise is well-known throughout the concrete industry, both nationally and internationally. He is especially known for his expertise in the installation, techniques, and procedures of superflat, high-tolerance floors, as well as high-end commercial, industrial, and retail concrete floors.

Simonelli is the past Chair of ACI Committee C640, Craftsman Certification, which develops, maintains, and updates programs for certification of concrete craftsmen. He is also a long-term member of ACI Committee 302, Construction of Concrete Floors; a certified ACI Concrete Flatwork Technician and Finisher instructor; as well as certified in the F-Number System by the Face Companies.

Simonelli's contributions to the concrete industry were recognized in 2010 by *Concrete Construction* magazine, and he was selected as one of the most influential people in the concrete industry. Additionally, he has received other well-known industry awards and honors, including the 2017 Face Golden Trowel for consulting on a large defined-traffic floor and breaking not one but two world records on a contractor's first try on a large

Fellows

defined-traffic floor; the 2011 Golden Trowel Award for his “accomplishments in, and contributions to, the Art and Science of High Quality Horizontal Concrete Construction”; and the 2009 Golden Trowel for consulting on a world-record superflat floor.



Anthony M. Sorcic is a Senior Technical Service Engineer for Holcim (US) Inc., in Dallas/Fort Worth, TX. Sorcic has worked for Holcim for 31 years, of which 20 of those years have been in technical service.

He is Chair of ACI Committee 327, Roller-Compacted Concrete Pavements, and serves as Secretary of ACI Committee 325, Concrete Pavements. Additionally, he is a member of ACI Committee 305, Hot Weather Concreting. He is also a voting member of ASTM International Committee C13, Concrete Pipe, and ASTM Subcommittees 13.02, Reinforced Sewer and Culvert

Pipe; 13.07, Acceptance Specifications and Precast Concrete Box Sections; and 13.03, Corrosion Resistance of Concrete Pipe and Manholes in a Sulfuric Acid Environment. Additionally, Sorcic served three terms as Chairperson for the Southcentral Region of the Slag Cement Association and in 2004 received the Directors Award.

His research interests include troubleshooting concrete and masonry problems in the field as well as development of new cements.

He received his AS in industrial technology from the University of Louisiana at Lafayette, Lafayette, LA, in 1992, and his BA in organizational management from Ashford University, Clinton, IA, in 2007. Sorcic is a veteran of the United States Navy, where he received an Honorable Discharge in 1980.

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.

“in recognition of outstanding, innovative, and impactful contributions to the science, characterization, design, and implementation of cement-based materials”



Kimberly E. Kurtis is a Professor at Georgia Institute of Technology’s School of Civil and Environmental Engineering, Atlanta, GA, and Associate Dean in the College of Engineering. She joined the faculty in 1999 after obtaining her PhD at the University of California at Berkeley, Berkeley, CA. Her innovative research on the multi-scale structure and performance of cement-based materials has resulted in more than 200 technical publications and three U.S. patents. Kurtis is a Fellow of the American Ceramics Society and ACI.

In addition to her technical and educational service contributions at professional societies and government agencies and editorial service to *Cement and Concrete Research*, *Cement and Concrete Composites*, and ASCE’s *Journal of Materials in Civil Engineering*, she has held two leadership positions—Chair of ACI Committee 236, Material Science of Concrete; and Chair of ACerS Cements Division—central to advancing science-based research on cement-based materials. She is past Chair of ACI Committee S802, Teaching Methods and Educational Materials, and currently serves on the Technical Activities Committee. She is a member of ACI Committees 201, Durability of Concrete; 225, Hydraulic Cements; 236, Material Science of Concrete; and 241, Nanotechnology of Concrete. She has been honored with ACI’s Walter P. Moore, Jr. Faculty Achievement Award (2005), ACI’s Delmar L. Bloem Distinguished Service Award (2013), Outstanding Senior Undergraduate Research Mentor Award at Georgia Institute of Technology (2013), the ACI James Instruments Award for Research on NDE of Concrete (2008), Award for Outstanding Article in ASTM’s *Journal of Testing and Evaluation* (2010), ASCE’s Huber Civil Engineering Research Prize (2013), AASHTO Sweet 16 High Value Project Award (2016), and ASCE’s Maurice A. Biot Lecture (2016).

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 lifelong commitment to helping concrete contractors succeed by advocating, teaching, and interpreting the everyday issues of constructability”



ACI Honorary Member **Ward R. Malisch** is Concrete Construction Specialist for the American Society of Concrete Contractors (ASCC), St. Louis, MO. He joined the ASCC staff in 2008 as their first Technical Director after retiring as Senior Managing Director of ACI. He has authored or co-authored two books and over 200 technical papers and articles.

He is past Chair of ACI Committee E701, Materials for Concrete Construction; and a former member of ACI Committees 117, Tolerances, and 302, Construction of Concrete Floors. He is currently a member of ACI Committee 301, Specifications for Structural Concrete.

He received the Arthur R. Anderson Award in 2010 and the ACI Construction Award in 2011 as co-author of the paper titled “Effect of Post-Tensioning on Tolerances.” He is a member of the American Society of Civil Engineers (ASCE) and ASTM International. His research interests include concrete construction tolerances, formed concrete surface characteristics, troubleshooting concrete problems, and construction specifications.

A member of ACI since 1963, he received his BS, MS, and PhD in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1961, 1963, and 1966, respectively. He is a licensed professional engineer in Missouri.

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 construction.

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

“for dedication to engineering education, outstanding contributions to earthquake-resistant design and analysis of reinforced concrete buildings, and leadership of ACI technical committees”



Jack P. Moehle is an Ed and Diane Wilson Presidential Professor of Structural Engineering in the Department of Civil and Environmental Engineering at the University of California, Berkeley, Berkeley, CA, where he has taught since 1980.

He is a Fellow of ACI and has previously been awarded the Arthur J. Boase Award (2008), Chester Paul Siess Award for Excellence in Structural Research (2007), Delmar E. Bloem Distinguished Service Award (2001), and Alfred E. Lindau Award (1998). He has served on several ACI committees, including the Board of Direction, the Technical Activities Committee, and

ACI Committee 318, Structural Concrete Building Code.

His research interests include structural engineering, with emphasis on reinforced concrete and earthquake engineering. A licensed civil engineer in California, Moehle works regularly as a consulting engineer, offering advice and expert peer review on building, transportation, and infrastructure projects.

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 dedicated service to the development of a national standard for seismic rehabilitation of existing reinforced concrete buildings and outstanding contributions as Chair of ACI Committee 369 (Seismic Repair and Rehabilitation)”



Wassim Michel Ghannoum is an Associate Professor in the Department of Civil and Environmental Engineering at the University of Texas at San Antonio (UTSA), San Antonio, TX. He has authored over 60 papers and reports, and managed research projects with cumulative budgets exceeding \$4 million.

He is Chair of ACI Committee 369, Seismic Repair and Rehabilitation. He is a member of ACI Subcommittees 318-N, Nonlinear Dynamic Analysis; 318-R, High Strength Reinforcement; and 440-F, FRP-Repair-Strengthening; and Joint ACI-ASCE Committees 441, Reinforced Concrete Columns; and 447, Finite Element Analysis. He is a Fellow of the American Society of Civil Engineers (ASCE) and Structural Engineering Institute (SEI). He is also a voting member of ASCE/SEI Committee 41, Seismic Retrofit of Existing Buildings Standards. Ghannoum is a member of the Earthquake Engineering Research Institute (EERI). His research interests include life-span extension of concrete structures, new materials in concrete construction, earthquake engineering, and extreme loading on structures.

He received his BE and ME in civil engineering from McGill University, Montreal, QC, Canada, in 1997 and 1999, respectively, and his PhD from the University of California, Berkeley, Berkeley, CA. He is a licensed professional engineer in Texas.

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 continued dedication to ACI and the concrete industry in advancing concrete education, guides, and publications for the concrete design profession”



José M. Izquierdo-Encarnación is the President of PORTICUS CSP, an engineering design firm in San Juan, Puerto Rico. The firm was established in 2005 after serving in the Commonwealth of Puerto Rico as Secretary of Transportation and Public Works and Secretary of State.

He was President of ACI from 2003-2004. He has a long and distinguished record of service to ACI. He has been an Honorary Member of the Institute since 2012 and was selected as the ACI Educational Activities Committee Speaker of the Year for 2014. He is a member of ACI Committees 314, Simplified Design of Concrete Buildings (chairing the review of IPS-1); 369, Seismic Repair and Rehabilitation; and 375, Performance-Based Design of Concrete Buildings for Wind Loads. He has also served on the Educational Activities Committee, Financial Advisory Committee, Hot Topic Committee, TAC Metrication Committee, and the Task Group on Centennial Activities. He was the Co-Chair of the local committee for the ACI Fall Convention in 1992 in Puerto Rico, Co-Chair of the ACI Fall Convention 2007 in Puerto Rico, and is a former President and Board member of the Puerto Rico Chapter – ACI.

He has organized and promoted seminars for the structural engineer's continuous education program in Puerto Rico for the last 30 years. He has written many papers and spoken extensively on structural engineering, concrete design, concrete repair, transportation, and historic preservation in over 18 countries (Latin America, Europe and the Middle East) and 12 states, promoted the use of simplified methods for design, and has work in numerous historic restoration projects.

He has received the Distinguished Engineer of San Juan in 1992, Distinguished Civil Engineer of CIAPR in 2003, the Luis A. Ferré Transportation Award from the Department of Transportation and Public Works in 2008, the URBE Award from the American Institute of Architects (AIA) in 2010, the Ricardo Alegría Award for services to Architectural Profession from the Puerto Rico Institute of Architects and Landscape Architects in 2014, the Medal of Merit from the Latin American Chambers of Commerce in 2014, and was selected by the Boy Scouts of America, Puerto Rico Council, as the Distinguished Citizen for 2017.

Awards

Izquierdo-Encarnación received his bachelor's degree in civil engineering in 1980, and his master of civil engineering with a concentration in structural engineering in 1983 from the University of Puerto Rico at Mayagüez, Mayagüez, Puerto Rico. He joined Capacete-Martin & Associates, Architects and Engineers in San Juan in 1980. He served as a Structural Engineer for the firm for 5 years. He founded and worked for 15 years in the consulting firm Izquierdo, Rueda and Associates that provided services in the areas of structural engineering, infrastructure development, and historic preservation.

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 outstanding service to the concrete industry, tireless dedication to ACI Committee 318, and the development and dissemination of design information for concrete buildings”



ACI Honorary Member **Basile G. Rabbat** retired from the Portland Cement Association (PCA) in 2010 after 35 years of service. He represented PCA in the development and modification of structural concrete design codes and standards. He served as Secretary of ACI Committee 318, Structural Concrete Building Code, from 1984 through the completion of the reorganized ACI 318-14 Building Code. Following publication of each new edition of the ACI 318 Building Code, he participated in 1-day seminars presented in cities across the United States, to inform code users of the code changes. He was previously a member and past Chair of

ACI Committee 215, Fatigue of Concrete.

Rabbat also acted as a technical resource on the American Association of State Highway and Transportation Officials (AASHTO) Technical Committee on Concrete Bridges. He was a member of the American Railway Engineering and Maintenance-of-Way Association (AREMA) Committee on Concrete Design. His focus with AASHTO and AREMA was to harmonize their requirements with those of the ACI 318 Building Code. He has published over 50 papers and reports related to behavior and design of structural concrete.

Awards

He received his BS in civil engineering from Alexandria University, Alexandria, Egypt in 1967, and his Master of Applied Science (MASc) and PhD in structural engineering from the University of Toronto, Toronto, ON, Canada, in 1970 and 1975, respectively. He was a licensed structural engineer in Illinois until his retirement.

He is a Life Member of the American Society of Civil Engineers (ASCE), a Fellow and Life Member of the Precast/Prestressed Concrete Institute (PCI), and a past member of ASTM International Subcommittee A01.05, Reinforcing Steel. He received the ACI Delmar L. Bloem Distinguished Service Award in 1997 and the Arthur J. Boase Award in 2009. He was a member of the ACI Board of Direction from 2003 to 2006.

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 outstanding contributions to improving the seismic safety of buildings in developing countries through the development of seismic codes and design practices, as well as leadership to improve governmental policies”



Sergio M. Alcocer is a Research Professor at the Institute of Engineering of the National Autonomous University of Mexico (UNAM), Mexico City, Mexico. He was the Undersecretary for North American Affairs in the Ministry of Foreign Affairs (2013-2015), the Undersecretary for Strategic Planning and Technology Development of the Ministry of Energy (2011-2012), and Research Coordinator of the National Center for Disaster Prevention (2000-2003) of the Mexican Government. At UNAM, he was Secretary General Provost (2007-2011), Coordinator for Innovation and Development (2012-2013), and Director of the Institute

of Engineering (2003-2007). Alcocer is also Founder and President of *México Exponencial*, a think tank for the development of public policy and strategies for embracing exponential technologies in Mexico.

Awards

He is a member of the Advisory Committee on Structural Safety of the Mexico City Government, where he has chaired the subcommittees on masonry structures, seismic rehabilitation of structures and peer-review of structures, and is member of the subcommittee on concrete structures. He currently chairs the Scientific Advisory Committee for Structural Safety and Resilience in Mexico City.

Alcocer is Foreign Member of the U.S. National Academy of Engineering, as well as Past President and Honorary Member of the Mexican Society of Structural Engineering (SMIE) and Past President of the Academy of Engineering of Mexico. He is a member of the Mexican Academy of Sciences, Vice President of the Mexican Society of Civil Engineers, and member of the board of *Fundación ICA* and of the Mexican Council for Foreign Affairs (COMEXI). He was non-executive member of the Board of *Empresas ICA* and of *Iberdrola México*, where he chaired the Board.

In 1986, he received the UNAM *Gabino Barreda* Medal for achieving the highest GPA in his class. He is recipient of the 2001 UNAM Prize for Young Academics, as well as of the 2001 Prize on Research of the Mexican Academy of Sciences. In 2007, Alcocer received the SMIE Prize on Structural Engineering for Housing. In 2014, he received the Award of Distinction for The Consortium for North American Higher Education Collaboration and in 2015 he was named Distinguished Alumni of the Cockrell School of Engineering at the University of Texas at Austin. In 2017, he was awarded an Honorary Degree of Doctor of Science from the University of Arizona.

Alcocer is an active member in several technical societies, such as Earthquake Engineering Research Institute (where he was the first foreign member of the Board of Directors), International Association for Bridge and Structural Engineering, Fédération Internationale du Béton, and International Society for Structural Health Monitoring of Intelligent Infrastructure.

He has been a member of the ACI Board of Direction, Technical Activities Committee, and International Activities Committee. He is also a member of ACI Committees 318, Structural Concrete Building Code; 369, Seismic Repair and Rehabilitation; and 374, Performance-Based Seismic Design of Concrete Buildings; and Joint ACI-ASCE Committees 352, Joints and Connections in Monolithic Concrete Structures, and 445, Shear and Torsion. He is past Chair of ACI Committee 374, Performance-Based Seismic Design of Concrete Buildings, and Secretary of ACI Committee 352, Joints and Connections in Monolithic Concrete Structures.

He received his BSc in civil engineering from UNAM in 1986, and his PhD in structures from the University of Texas at Austin, Austin, TX, in 1991.

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 outstanding leadership and contributions in the design, implementation, and use of lightweight aggregate in concrete and masonry”



Jeffrey F. Speck is General Manager of Marketing and Technical Sales at Arcosa Lightweight, Arlington, TX. He has been in sales and marketing positions in the lightweight aggregate industry for 30 years.

Speck is Chair of ACI Committee 213, Lightweight Aggregate and Concrete; and is outgoing Chair of Joint ACI-TMS Committee 122, Energy Efficiency of Concrete and Masonry Systems. He is also a member of ACI Committee 522, Pervious Concrete; and Joint ACI-TMS Committee 216, Fire Resistance and Fire Protection of Structures.

He was named an ACI Fellow in 1995 and is a Past President of the Georgia Chapter – ACI. He is also a member of the American Society of Civil Engineers (ASCE) and a Fellow of ASTM International, where he received the Award of Merit in 2007.

His research interests include high-performance lightweight concrete and the use of lightweight aggregates for internal curing of concrete. He has co-authored several papers on high-performance lightweight concrete, the properties of internally cured concrete, and the use of lightweight aggregates for engineered geotechnical fill.

He received his BS and MS in civil engineering from Michigan State University, East Lansing, MI, in 1974 and 1975, respectively.

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 relentless efforts in promoting sustainability throughout the concrete industry, and especially for leadership as Chair of ACI Committee 130 (Sustainability of Concrete)”



Julie K. Buffenbarger, FACI, is a Senior Scientist and Sustainability Principal for Beton Consulting Engineers, Mendota Heights, MN. Her proficient knowledge of multiple building and infrastructure sustainable and resilient rating systems has been instrumental in advocating for the use of concrete products in the buildings, roads, and energy construction segments. She has collaborated with numerous U.S. and international sustainability groups. Buffenbarger has authored and co-authored over 70 publications on cementitious materials, concrete sustainability, durability and resilience, and admixtures in concrete. She was also

Co-Editor of ACI SP-269, Concrete: *The Sustainable Material Choice*, in 2010.

Buffenbarger became an ACI Fellow in 2011 and was the recipient of the 2015 ACI Concrete Sustainability Award and 2018 Delmar L. Bloem Distinguished Service Award. She is past Chair of ACI Committee 130, Sustainability of Concrete, and Chair of ACI Subcommittee 130-H, Climate Change Impacts on the Sustainability of Concrete. She is also Secretary for ACI Committees 132, Responsibility in Concrete Construction, and 234, Silica Fume in Concrete, and a member of ACI Committee 232, Fly Ash in Concrete, and ACI Subcommittee C601-E, Concrete Construction Sustainability Assessor. She has also served as the co-moderator for the Sustainability Forum since 2010. She is a past member of ACI Committees 301, Specifications for Structural Concrete, and C650, Tilt-Up Constructor Certification, and ACI Subcommittee 301-F, Architectural Concrete. She formerly served on the Board Advisory Committee on Sustainable Development (BACSD), Publications Committee, and Awards Committee SA02, Wason Medal for Material Research and Wason Medal for Most Meritorious Paper. She also served twice on the Nominations Committee. Buffenbarger has also been an ACI Mentor.

Her research interests include cementitious materials, durability and transport properties of concrete, life-cycle analysis and modeling, and application of sustainable and resilient practices with concrete and cementitious materials.

Buffenbarger received her BS in chemistry and MS in synthetic organic chemistry from Bowling Green State University, Bowling Green, OH, in 1987 and 1993, respectively. She is also an accredited LEED™ AP Building Design and Construction professional.

Awards

ACI STRATEGIC ADVANCEMENT AWARD

ACI Strategic Advancement Award—This Award recognizes individuals or organizations who provide support in the implementation of membership and customer satisfaction; the quality of ACI programs, products, and services; and global credibility and impact.

“for providing leadership, dedication, commitment and vision in the direction, implementation and development of ACI’s strategic objectives and goals”



Florian G. Barth is a concrete expert with over 40 years of experience and the Founder/former CEO of FBA, Inc., a structural engineering firm, specializing in prestressed concrete structures. He was also co-owner of RJS Concrete, one of the largest concrete construction companies in the San Francisco Bay Area. Currently, he is General Partner of Fox Creek Fund LLC, a private equity real estate investment fund.

A Fellow of the Institute, Barth was President of ACI from 2009-2010, and is a voting member of the ACI Financial Advisory Committee; ACI Committees 130, Sustainability of Concrete; 224, Cracking (of which he is a past Chair and past Secretary); Joint ACI-ASCE Committee 423, Prestressed Concrete, and on 059-06, International Partnerships Committee. He previously served as a member of ACI Committee 318, Structural Concrete Building Code; the Technical Activities Committee; Responsibility in Concrete Construction; the Financial Advisory Committee; the Marketing Committee; and the ACI Board of Direction from 2000 to 2008. He is Past President and former Director of the Northern California and Western Nevada Chapter – ACI (1993 to 1997).

He received the Delmar L. Bloem Distinguished Service Award for outstanding leadership of ACI Committee 224, Concrete Cracking, in 2005, and the ACI Concrete Sustainability Award in 2017. In 2008, Barth co-initiated the Concrete Joint Sustainability Initiative (CJSI), which was instrumental to unifying the sustainability outlook of the U.S. concrete industry.

An active member and Fellow of the Post-Tensioning Institute (PTI), Barth was inducted as a charter member into the Post-Tensioning Institute Hall of Fame – Legends of Post-Tensioning.

His current interests include advancing sustainability by assuring resilience in the built environment.

Barth received the equivalent of a bachelor’s and master’s degree in structural engineering from Karlsruhe University in Germany, and a master’s degree in architecture from California State University, San Luis Obispo, CA.

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 on ACI Certification Committees, and tireless service in developing, promoting, supporting, and delivering ACI Certification programs”



Werner K. Hellmer is the Manager of Engineering at Clark County Department of Building and Fire Prevention in Las Vegas, NV. He has served in this position for 1 year and has worked in various capacities within the department for 20 years. He was a recipient of the ACI Chapter Activities Award in 2017 and has been actively involved in the Las Vegas Chapter for 10 years, where he has been an active Board member, a certification examiner, and an advocate for starting up new certification programs in the area.

Hellmer is a member of the Certification Programs Committee and the Codes and Standards Advocacy and Outreach Committee. He is Chair of ACI Committee C630, Construction Inspector Certification, and is a member of ACI Committees C631, Concrete Transportation Construction Inspector Certification; C670, Masonry Technician Certification; C680, Adhesive Anchor Installer; and C681, Adhesive Anchor Installation Inspector Certification. He has been actively involved in the Chapter Certification Committee and the World of Concrete committee within the Las Vegas Chapter – ACI. He is a member of the American Society of Civil Engineers (ASCE).

He has researched concrete durability and published his master’s thesis, which covered sulfate attack mechanisms and distribution of sulfates in Las Vegas area soils. He received his BS in civil and environmental engineering from the University of Iowa, Iowa City, IA, in 1994, and his MS in civil and environmental engineering from the University of Nevada, Las Vegas, NV, in 2003. He is a licensed professional engineer in Nevada.

Awards

“for outstanding service on ACI Certification Committees, and tireless service in maintaining, promoting, supporting, and delivering ACI Certification programs”



Claude E. Jaycox currently works as an Independent Consultant after retiring as CEO from his original firm, Municipal Testing Laboratory, Inc. (MTL) after 40 years of service. MTL is based in Long Island, NY, and Miami, FL.

Under his direction, MTL was one of the first to establish training and examinations for their inspectors, technicians, and lab technicians. When ACI started their certification program, MTL immediately put a certification plan into effect, requiring certification from its employees. Shortly thereafter, MTL became, and still is, an ACI sponsoring group. Jaycox is presently an

Examiner for 21 certification programs.

He is former Chair and Secretary of ACI Committee 311, Inspection of Concrete, and has served on this committee since 1972. He served on the Technical Activities Committee (TAC) from 2000 to 2007 and is now a member of TAC Construction Standards Committee. He has been a member of ACI Committees 121, Quality Assurance Systems for Concrete; 348, Structural Reliability and Safety; 349, Nuclear Concrete Structures, from 1979 to 1994 (ASME until 2009); C610, Field Technician Certification; C620, Laboratory Technician Certification; and C630, Construction Inspector Certification.

Jaycox received the ACI Delmar L. Bloem Distinguished Service Award in 2002; an ACI Certificate of Appreciation for Exceptional Service in 2004; the ACI Service Award for 50 years of Membership in 2014; the ACI Certificate of Outstanding Service from Committee 311, Inspection of Concrete, in 2000; and the ACI Certificate of Appreciation for Service on Committee 301, Specifications for Structural Concrete (2010 cycle). He is also a member of the American Society of Civil Engineers (ASCE) and former member of the Precast/Prestressed Concrete Institute (PCI).

His interests include certification activities and forensic engineering.

Awards

“for outstanding leadership and service on ACI Certification Committees, and tireless service in developing, promoting, supporting, and delivering ACI Certification programs”



Christopher J. Robinson has been in the materials industry for over 30 years and has extensive experience in the areas of construction materials as well as concrete and cement production. Robinson is currently the President of CMEC, Inc. and he has managed the organization for the past 18 years.

CMEC administers between 3000 and 4000 certifications per year involving 38 different programs. CMEC is ACI's largest sponsoring group with over 2500 of the certifications administered annually belonging to ACI programs. CMEC has developed training and review sessions for each of the programs offered. CMEC

maintains a YouTube channel showcasing video demonstrations of ACI Certification Program test procedures accessible to trainees as well as other sponsoring groups for use in their own review sessions.

CMEC has grown into one of the largest construction materials laboratory accreditation bodies with over 500 laboratory inspections and accreditations administered annually throughout North America.

Robinson is a Fellow of ACI and past Chair of ACI Committees C620, Laboratory Technician Certification, and C670, Masonry Technician Certification. He currently serves on the Certification Programs Committee and ACI Committees C610, Field Technician Certification; C612, Self-Consolidating Concrete Technician Certification; C621, Cement Tester Certification; C630, Construction Inspector Certification; C631, Concrete Transportation Construction Inspector Certification; and E905, Training Programs.

He received his BS and MS in civil engineering from the University of South Florida, Tampa, FL, in 1990 and 1992, respectively. He is a licensed professional engineer in Florida.

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 significant contributions to the testing, analysis, and design of concrete materials”



Mehdi Bakhshi is a Senior Project Engineer at AECOM, New York, NY. He has more than 12 years of experience in civil, structures, tunnel, underground, and geotechnical engineering. He has worked on multiple high-profile national/international infrastructure projects, in which he has employed innovative concrete solutions and thereby saved millions of dollars in public programs. He also authored or co-authored over 50 technical papers and reports.

He is a member of ACI Committees 130, Sustainability of Concrete (former associate member); 305, Hot Weather Concreting; 350, Environmental Engineering Concrete Structures (associate member); 506, Shotcreting; 533, Precast Panels; and 544, Fiber-Reinforced Concrete. He is also a member of ACI Subcommittees 350-A, General and Concrete; 350-B, Durability; and 350-C, Reinforcement and Development. He has been author and reviewer of multiple ACI guides and reports including ACI 544.7R-16 (Chair of task group and main author) and ACI 544.8R-18 (member of task group who prepared this guide). Bakhshi was a presenter at several technical sessions held during past ACI conventions, including Reno (2014), Kansas City (2015), Denver (2015), Philadelphia (2016), and Salt Lake City (2018). He is also a member of the Concrete Industry Board (CIB) of NY and a member of the American Society of Civil Engineers (ASCE). His research interests include concrete tunnel linings, fiber-reinforced concrete, precast concrete, shrinkage and cracking in concrete, testing, structural analysis and design, and cold/hot weather concreting.

He received his BS and MS in civil and structural engineering from the University of Tehran, Tehran, Iran, in 2004 and 2007, respectively, and his PhD in civil and environmental engineering from Arizona State University, Tempe, AZ, in 2011. He is a licensed professional engineer in Arizona.

Awards

“for advancing the goals and objectives of the Institute at the local and national levels, and mentoring younger professionals and students in the concrete field”



Ann Harrer is an Associate Principal with Wiss, Janney, Elstner Associates, Inc. (WJE), Los Angeles, CA. She started with WJE in 2005 in the Boston, MA, office following an internship at the company headquarters in Northbrook, IL.

She is Chair of ACI Committee 515, Protective Systems for Concrete, and is the Secretary for Subcommittee 364-TG1, Guide for Evaluation of Concrete Structures before Rehabilitation, which was recently updated. She also serves on the Membership Committee and ACI Committees 364, Rehabilitation, and ACI Subcommittee 546-C, Concrete Repair Guide. Harrer is the current

President of the Southern California Chapter – ACI and served on the SoCal Convention Committee for The ACI Concrete Convention and Exposition – Fall 2017 in Anaheim, CA.

Her expertise includes the assessment of building façades, structural systems, and historic preservation of concrete structures. She has been involved in a wide range of investigations and repair projects, from large-scale damage and failure investigations to detailed repair solutions on both modern and historic structures. In addition to presenting and being an instructor in workshops, Harrer has published several articles on concrete repair projects and historic concrete.

She received her BSCE and MSCE in civil engineering from the University of Illinois, Urbana-Champaign, Urbana, IL, in 2003 and 2005, respectively. She is a licensed professional engineer in California and Massachusetts.

Awards

“for leadership and service in advancing the ACI strategic plan to engage students and young professionals in the Institute”



Karla Kruse Salahshour is a Senior Associate and Petrographer for Wiss, Janney, Elstner Associates, Inc., Cleveland, OH. She has worked as a petrographer for over 6 years on hundreds of projects related to concrete, mortar, stone, and other building materials.

Salahshour currently serves as Chair of the ACI Student and Young Professionals Activities Committee and has previously served as Chair of the ACI Young Professional Activities subcommittee. She also serves on the ACI Chapter Activities Committee and is a member of ACI Committees 221, Aggregates; 232, Fly Ash in Concrete; and 523, Cellular Concrete, as well as being involved with numerous other committees. She is also an active member of ASTM International. Salahshour was selected for the Emerging Leaders Alliance from ACI in 2018, received the Emerging Professionals Award from ASTM International in 2017, and received the ACI Young Professional Essay Contest award in 2013.

Her research interests include the evaluation and characterization of building materials and repair of structures. She received her BS in architectural engineering and her MS in civil engineering from the University of Texas at Austin, Austin, TX, in 2010 and 2012, respectively. She is a licensed professional engineer in Ohio.

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 summary of Swedish research on the repair of concrete pavements, bridge decks, and industrial floors”

“Bonded Concrete Overlays,” Concrete International, May 2017, pp. 31-36)



Johan Silfwerbrand, FACI, is Professor and Head of the Department of Civil and Environmental Engineering, KTH Royal Institute of Technology, Stockholm, Sweden. He is a member of ACI Committees 123, Research and Current Developments; 342, Evaluation of Concrete Bridges and Bridge Elements; 345, Bridge Construction and Preservation; and 546, Repair of Concrete. He is also active in the Swedish Concrete Association and the Fédération Internationale du Béton (*fib*). His research interests include concrete repair, concrete roads, industrial floors, fiber concrete, self-consolidating concrete, and concrete and fire.

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 construction of a UHPFRC footbridge over the Ovejas ravine in Alicante”

(“Footbridge over the Ovejas Ravine in Alicante: An Economical Alternative Made Only of Ultra-High Performance Fibre-Reinforced Concrete (UHPFRC),” SP-310-41, March 2017, pp. 435-450)



Pedro Serna Ros has been a Professor in the Construction Engineering Department at the Universitat Politècnica de València (UPV), València, Spain, since October 1979 and Full Professor since 2003. He has supervised 21 doctoral theses, participated in 20 competitive projects as the main researcher, and is the author of more than 100 articles in scientific journals and 200 in Congress. Index Web of Science Scopus H = 21.

He is Chairman of the Technical Subcommittee of Standardization SC5, fiber concrete, in Spain. He is also Chairman of the RILEM Technical Committee – CCF 261 on Creep Behavior in Cracked Sections of Fiber-

Reinforced Concrete and will be the organizer for the RILEM *fib* Congress on Fiber-Reinforced Concrete BEFIB 2020 in Valencia September 20-23, 2020, with the support of ACI.

His research interests include special concretes technology: fiber, high and very high strength, self-consolidating, recycled, and self-healing.

From its conception (mixture design criteria and application technologies, developing new test methods), but also in structural analysis (shear, ductility, bond), he is responsible for the first applications of structural fiber concrete in Spain. The construction of the roofs of the Oceanographic restaurant was a reference worldwide, both for its concept (Felix Candela Architect), for the criteria of structural design, and for the applied technology. Likewise, the construction of the footbridges made of UHPFRC were the first in Spain.

He received his civil engineering degree from UPV in 1978 and his PhD from UPV and L'Ecole Nationale des Ponts et Chaussées de Paris in 1984.

Awards



Juan Ángel López is co-founder and current Project Manager of a Spanish consulting company called Research & Development Concretes (RDC), which specializes in both advanced concrete technologies and precast concrete structures. He is also a founding partner of the first and only precast company specializing in ultra-high-performance concrete (UHPC) structures in Spain.

He received his BS in civil engineering from the Polytechnic University of Valencia, Valencia, Spain, in 2011, and his MS and PhD in construction engineering from the same university in 2017.

His most recent scientific work has been focused on the knowledge improvement of tensile properties of UHPC to foster the development of suitable design guidelines for its proper engineering use through research and innovation European Horizon2020 projects.

Among his most recent engineering contributions, one may highlight the design and construction of economically viable UHPC pedestrian bridges, marine floating structures, and the first road bridge in Spain.



Esteban Camacho Torregrosa has been the Innovation Manager of the company Research & Development Concretes (RDC) since 2015. He is co-founder of RDC and of the precast advanced concrete company PREFFOR, both located in Valencia, Spain. His research interests and vocation are focused on the integration of advanced concrete technologies in real structures for civil engineering, energy, and the blue growth sector. He is participating in several Horizon2020 projects related to durability of concrete structures, self-healing cementitious materials, and ultra-high-performance fiber-reinforced concrete.

Awards



Juan Navarro-Gregori is an Associate Professor of Structural Concrete in the Department of Civil Construction Engineering at the Universitat Politècnica de València, València, Spain. He develops his research in the Institute of Concrete and Science Technology (ICITECH) at the Universitat Politècnica de València.

His research interests include constitutive modeling of ultra-high-performance concrete and fiber-reinforced concrete, and development of nonlinear analysis procedures for concrete structures.

He received his MS and PhD in civil engineering from the Universitat Politècnica de València in 2000 and 2010, respectively.



Hugo Coll Carrillo is an Associate Professor in the Civil Engineering Department at the Universitat Politècnica de València (UPV), València, Spain, and Founding Partner and CEO at Research & Development Concretes S.L.

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 the evaluation of various admixture and cement-fly ash combinations to determine the impacts of cement alkali and fly ash calcium oxide contents on setting time and 1-day compressive strength”

*“Fly Ash Concrete with Low Portland Cement Content,” *Concrete International*, January 2017, pp. 31-37)*



Ara A. Jeknavorian is a Consultant for the development and application of chemical admixtures for the concrete construction industry. Just prior to starting Jeknavorian Consulting Services, Jeknavorian completed a 34-year career with the Construction Products Division of W.R. Grace (now called GCP) in Cambridge, MA, as a Research Fellow, where he was responsible for the development of new chemical technologies and concrete admixture products. He is an inventor on 19 patents for concrete and masonry admixtures, and has authored 50 publications related to chemical admixtures for concrete. Dr. Jeknavorian is a member of the

American Chemical Society, a Fellow of the American Concrete Institute, and a Fellow of ASTM International, where he has chaired the subcommittee on Chemical Admixtures and has served on the C09 Concrete Executive Committee. He is a member of ACI Committees 212, Chemical Admixtures, 236, Material Science of Concrete; and 237, Self-Consolidating Concrete. He has received several industry awards for his contribution to standards and technology development for concrete admixtures. He received his PhD in analytical chemistry from the University of Massachusetts, Lowell, Lowell, MA.

Awards



Josephine Cheung is Director of Research and Development for Cement Products at GCP Applied Technologies in Cambridge, MA. She was born in Hong Kong and received her PhD in materials science and engineering from Massachusetts Institute of Technology (MIT), Cambridge, MA, in 1993. She joined GCP Applied Technologies, formerly Grace, after she graduated from MIT. Her research interests include understanding how chemical additives impact the hydration of cement and secondary cementitious materials.

She is a holder of more than 20 patents and author of more than 20 peer-reviewed papers. In 2011, she was honored with the Grace Award for Technical Excellence, an award given by W.R. Grace & Co. recognizing the highest level of technical achievement for projects that have a measurable impact on the commercial and strategic objectives in the company. She was recognized for her innovative work in designing new chemicals and technologies that make cement hydrate faster.

Cheung actively participates in and serves as industrial advisor or industrial Board member in several consortiums working on cement and concrete research, such as Nanocem in Europe, and has also collaborated with various principal investigators from the University of Connecticut, Tennessee Technological University, Princeton University, University of California Santa Barbara, Oklahoma State University, and Rice University on projects funded by the National Science Foundation and the Federal Highway Administration programs in the United States. She is an editorial Board member of *Cement and Concrete Research* and participated in the United Nations Environmental Program working group; she also wrote a white paper on the use of chemical additives and admixtures for Innovative Strategies for Low-CO₂ Eco-Efficient Cement-Based Materials Industry. She is passionate to bring new products to the world, to make construction materials more sustainable, and to advance the science of cement hydration.

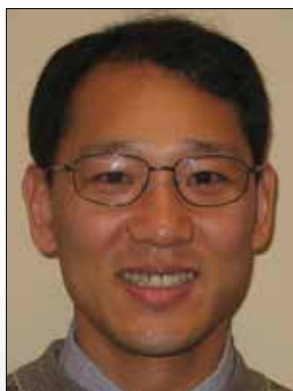
Awards



Eric Koehler is Director of Quality at Titan America, where he handles quality and product development for the production of concrete, cement, fly ash, and aggregates. Previously, he was at W.R. Grace & Co., now GCP Applied Technologies, where he worked in research and development on chemical admixtures and on sensors and automation for concrete quality management. He was an inventor of the ICAR rheometer, which was the first commercially available portable rheometer for concrete, and has since helped expand applications of concrete rheology. He is a named inventor on 14 patents related to concrete.

In ACI and ASTM International, he has worked to advance standards and technology for the use of limestone and other aggregate fines in cement and concrete and to improve methods for mixture proportioning and use of alternate materials. He is a member of ACI Committees 211, Proportioning Concrete Mixtures; 236, Material Science of Concrete; 237, Self-Consolidating Concrete; 238, Workability of Fresh Concrete; 240 Pozzolans; and 301, Specification for Structural Concrete. Koehler is also a member of ASTM Committees C01, Cement, and C09, Concrete and Concrete Aggregates.

Koehler was the recipient of the ACI Young Member Award for Professional Achievement in 2012 and was named an ACI Fellow in 2017. *Concrete Producer* named him to their list of Most Influential People in Concrete Production in 2016. Koehler received his BS in civil engineering from Clemson University, Clemson, SC, and his MS and PhD in civil engineering from the University of Texas at Austin, Austin, TX. He is a licensed professional engineer in Florida.



Peter Zhou is a Group Manager at Surface Chemistry, business unit of Nouryon, formally Akzo Nobel Specialty Chemicals, located at Brewster, NY, 60 miles north of New York City. He has been with the current company for 9 years and was a Sr. R&D Chemist at W.R. Grace, currently GCP Applied Technologies, before joining Nouryon.

Zhou received his BS in chemistry from Jilin University, China, and his PhD in colloid and organic chemistry from the City University of New York, New York City, NY, in 2003. He has been studying surfactants and polymers for the last 20 years. His research interests include applications of surfactants and polymers in

various industrial areas, including construction materials, mineral processing, and cleaning and oil field. The fact that significant interfacial phenomena can be achieved with a tiny amount of surfactant or polymer always fascinates him. This significant interfacial change by surfactant and polymers make them extremely useful as key ingredients for essential products improving our everyday lives.

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 the behavior of reinforced concrete beams strengthened with carbon fiber-reinforced polymer (CFRP) sheets subjected to relaxation induced by simultaneous thermal and mechanical loadings”

(“Thermomechanical Relaxation of CFRP Sheets Bonded to a Concrete Substrate,” *ACI Structural Journal*, March-April 2017, pp. 555-564)



Yail Jimmy Kim, FACI, is President of the Bridge Engineering Institute, An International Technical Society, and a 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 Subcommittee 440-I, FRP-Prestressed Concrete, and a past Chair of ACI Committee 345, Bridge Construction and Preservation, from 2012 to 2018. He is 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, Award of Excellence by the Ontario Ministry of Public Infrastructure Renewal, and the Excellence in Research and Creative Activities Award by University of Colorado Denver (highest recognition at the campus level, awarded to one faculty member per year).

Awards

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 rehabilitation, structural informatics, complex systems, and science-based structural engineering, including statistical, interfacial, 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 five ACI Special Publications. He has authored 134 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 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.



Abdulaziz Alqurashi received his BS and MS from Umm Al-Qura University, Mecca, Saudi Arabia, in 2010 and from the University of Colorado Denver, Denver, CO, in 2015, respectively. His master's thesis, titled "Thermomechanical Responses of Concrete Members Strengthened with Carbon Fiber-Reinforced Polymer (CFRP) Sheets," examines the behavior of CFRP-concrete interface subjected to thermal and mechanical loadings. His research interests include the effects of extreme loadings on structural behavior and the application of emerging materials.

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 the seismic design of a 279 m (915 ft) high skyscraper in Monterrey, Mexico”

(“Concrete Pushes Mexico to New Heights,” *Concrete International*, March 2017, pp. 34-41)



Roberto Stark, FACI, is the President of Stark + Ortiz, S.C., a consulting firm based in Mexico City, which provides structural design services for urban and infrastructure projects throughout Mexico, Peru, Panama, Colombia, and Guatemala.

He is a member of ACI Committees 318, Structural Concrete Building Code; 369, Seismic Repair and Rehabilitation; 374, Performance-Based Seismic Design of Concrete Buildings; and the International Advisory Committee. He is also a member of ACI Subcommittees 318-D, Members; and 318-L, International Liasion. He was a Director of the ACI Board of Direction for the term 2015-2018.

Since 1979, Stark has been a Professor at the National Autonomous University of Mexico (UNAM) and was Head of the Graduate Department of Structural Engineering from 1988-1992. He has given seminars on different topics related to concrete and seismic design in Brazil, Chile, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Nicaragua, Peru, Spain, and the United States. He received the Gabino Barreda Medal for the highest Academic Achievement in 1981. He received the ACI Charles S. Whitney Medal in 2018. He served as the Mexican delegate on ISO-TC 71 from 2005 to 2012.

He received his BS in civil engineering from UNAM, Mexico City, Mexico, in 1981 and his MS and PhD from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1983 and 1988, respectively.

Awards



Christopher Crilly is a Senior Associate in the Washington, DC, office of Thornton Tomasetti. He has 14 years of structural engineering experience in the analysis, design, and investigation of office, residential, government, hospitality, healthcare, educational, sports, and high-rise projects.

Crilly is a member of ACI and the American Society of Civil Engineers (ASCE).

He received his bachelor's and master's degree in architectural engineering from The Pennsylvania State University, University Park, PA, in 2004. He is a licensed professional engineer in Virginia and a LEED-Accredited Professional.



Mark J. Tamaro is a Managing Principal and Regional Leader of the Mid-Atlantic and South Region for international engineering firm Thornton Tomasetti. He has more than 26 years of experience in the design of new structures and the investigation and renovation of existing buildings. He has performed all phases of design on a variety of steel, concrete, and timber-framed buildings. His experience includes federal design-build projects, many of which involved implementation of antiterrorism/force protection measures.

He is a member of the American Society of Civil Engineers (ASCE), the National Council of Examiners for Engineering and Surveying (NCEES), DC Construction Codes Coordination Board (CCCCB), and the American Institute of Steel Construction (AISC). Tamaro has authored and co-authored numerous articles and publications, and presented several papers and lectures at industry conferences. He has also volunteered as a structural specialist for the Maryland Urban Search and Rescue Task Force One, where he served as a first responder to several building collapses since joining in 1997.

Tamaro received his bachelor's and master's degrees in civil engineering from Lehigh University, Bethlehem, PA. He is a licensed professional engineer in the District of Columbia, Massachusetts, Maryland, New Jersey, North Carolina, Pennsylvania, Michigan, and Virginia and is a LEED-Accredited Professional.

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 369 – Seismic Repair and Rehabilitation”

Wassim Michel Ghannoum, See Henry L. Kennedy Award.

“for outstanding leadership of Committee 548 – Polymers and Adhesives for Concrete”



Mahmoud Reda Taha, Distinguished Professor and Chair of the Department of Civil, Construction and Environmental Engineering at the University of New Mexico, Albuquerque, NM. He has three issued and nine pending US patents and authored over 300 papers in peer reviewed journals and refereed conference proceedings.

He is a Fellow of ACI and Chair of ACI Committee 548, Polymers and Adhesives in Concrete. He also serves as Secretary of ACI Committee 241, Nanotechnology of Concrete, and is a member of ACI Committees 209, Creep and Shrinkage; 236, Material Science of Concrete;

435, Deflection of Concrete Building Structures; 440, Fiber-Reinforced Polymer Reinforcement; and 564, 3-D Printing with Cementitious Materials. He received the ACI Walter P. Moore Jr. Faculty Achievement Award in 2010 and was selected as an ACI ambassador to ICPIC 2015 in Singapore. His research interests include nano-modified polymer concrete and fiber-reinforced polymer composites with self-sensing and self-healing capabilities and 3-D printing for resilient civil infrastructure.

He received his BSc and MSc in structural engineering from Ain Shams University, Cairo, Egypt, and his PhD from the University of Calgary, Calgary, AB, Canada. He is Co-Chair of the ASCE Committee on Emerging Technologies for Resilient Infrastructure and Associate Editor of ASCE's *Journal of Materials in Civil Engineering*. He is a licensed professional engineer in Alberta, Canada.

Awards

“for outstanding leadership of Committee 232 – Fly Ash in Concrete”



Lawrence L. Sutter is a Professor in Materials Science and Engineering at Michigan Technological University, Houghton, MI. He also serves as the Director of the Michigan Department of Transportation's Transportation Materials Research Center at Michigan Tech. Sutter has worked in the area of materials engineering for 40 years, specializing in concrete-making materials for the past 25 years. His areas of expertise include materials characterization, concrete durability, and use of industrial residuals in concrete.

He is a Fellow of ACI and currently serves as Chair of Committee 232, Fly Ash in Concrete; Secretary of ACI Committee 201, Durability; and Chair of the Strategic Development Council (SDC) Accelerated Technology Implementation (ATI) team for Alternative Cements. He is a member of ACI Committees 130, Sustainability of Concrete; 211, Proportioning; 221, Aggregates; 233, Ground Slag; 240, Pozzolans; 242, Alternative Cements; E701, Materials for Concrete Construction; and ACI Foundation's SDC-06, Technology Transfer Advisory Group (TTAG). He is also a member of ACI Committees 225, Hydraulic Cement; and 239, Ultra-High-Performance Concrete. He is past Chair of ITG-10, Alternative Cements, and a past member of ACI's Educational Activities Committee (EAC). He is active in ASTM International and serves on Committees C01, Cement; C09, Concrete; and D04, Road and Paving Materials. He is the Chair of Subcommittees C09.65, Petrography; C01.14, Non-Hydraulic Cements; and C01.91, Terminology. In addition, he serves on numerous other ASTM technical subcommittees. He is past Chair of Subcommittee C09.24, Supplementary Cementitious Materials, and is past member of the C01 and C09 Executive Subcommittees.

Sutter received his AAS in electrical engineering technology in 1976 from the Ohio Institute of Technology. He received his BS in metallurgical engineering, his MS in environmental engineering, and his PhD in civil engineering from Michigan Tech, in 1991, 1995, and 2001, respectively. He is a licensed professional engineer in Michigan.

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.

“for developing and then programming the ACI University application which gives online access to the library of ACI Educational products.”



Ronald O’Kane is a Founding Partner with Leigh & O’Kane, LLC. Leigh & O’Kane is a structural engineering firm with over 33 years of experience in the design of buildings, bridges, and infrastructure; they also have a Construction Services Division. O’Kane was the Principal in Charge on the NASCAR project in Wyondotte County, KS; the Chief Training Facility; Conference Center for the new convention center, and Western MO Mental Health Hospital in Kansas City, MO; and CDC Headquarters in Jefferson City, MO. His duties also included purchasing and maintaining the engineering and detailing software. He has written

several engineering design and analysis programs.

He spent 15 years on the Missouri State Board as Treasurer and was awarded “Concrete Man of the Year” in 2000. He has served on ACI Committees 118, Use of Digital Technology; 131, Building Information Modeling of Concrete Structures; 314, Simplified Design of Concrete Buildings; E702, Designing Concrete Structures, and the Educational Activities Committee (EAC) and Joint ACI-ASCE Committee 441, Reinforced Concrete Columns.

O’Kane received his BS in civil engineering from the University of Missouri, Columbia, MO, in 1980. He is licensed in Missouri, Kansas, Texas, and Wisconsin.

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.

“In recognition of the vision, dedication, and commitment provided to advancing the Las Vegas Chapter of ACI”



James Bristow is the Principal of NOVA Geotechnical & Inspection Services and an expert in construction materials testing and brings over 15 years of industry-specific experience, knowledge, and expertise to NOVA's Management Team. Through his experience in the past decade with acquisition, merger, and divesture teams, he has become the primary owner of NOVA and is responsible for the day-to-day management of the business unit. Bristow is a licensed civil engineer in Nevada, certified by the American Concrete Institute for Field Testing Technician Level 1, Masonry Lab testing, and Masonry Field testing.

He is a certified special inspector and member of the local ACI Chapter. Bristow began developing his strengths in resolving material interface discrepancies, field construction errors, and implementing nondestructive and destructive investigation methods to assist contractors, owners, and public entities with resolving major milestone blocks that can occur during construction. Further, his involvement with the local building departments and code councils has allowed him to take an active role in the code development process. Finally, as an Examiner and Trainer for ACI's local Chapter, Bristow enjoys teaching and guiding the future technicians in both concrete and masonry field and laboratory testing.

He has provided engineering review and technical oversight on all types of projects including federal, commercial, residential, academic, and industrial. His expertise in the field of engineering has allowed him to assist with problem-solving solutions on projects where the client has been able to save time and money. For research, Bristow has focused on evaluating the testing and inspection of structural masonry systems, especially as it relates to masonry materials and the associated ASTMs for related mechanics testing. As a University of Nevada Las Vegas graduate who double-majored in both civil engineering and political science and received his master's degree in civil engineering, Bristow has quickly become the source of knowledge and reference within the engineering community when it comes to materials testing and special inspections.

Awards

“For outstanding contributions proffered to the American Concrete Institute and continuing development of the Kansas ACI Chapter.”



Kristen Freeman is the Physical Testing Supervisor at the Technical Center for Ash Grove Cement Company in Overland Park, KS.

She is a member of ACI Committees 221, Aggregates; 225, Hydraulic Cement; and 232, Fly Ash in Concrete. She also serves as a member and Secretary for ACI Committee C621, Cement Tester Certification. She is also a member of ASTM Committee C09, Concrete, as a voting member for the C09.65 Petrography Committee and the C09.20 Normal Weight Aggregates Committee.

She received her BS in geology from the University of Wisconsin at Oshkosh, Oshkosh, WI, in 1996, and her MS in geology from the New Mexico Institute of Mining and Technology, Socorro, NM, in 1998.

“In recognition of the leadership, commitment, and service devoted to the Rocky Mountain Chapter of ACI”



J. Scott Keim is a civil engineer in the Concrete Geotechnical and Structural Laboratory at the Bureau of Reclamation in Denver, CO.

He is Chair of ACI Committee 329, Performance Criteria for Ready Mixed Concrete, and a member of ACI Committees 134, Concrete Constructability; 201, Durability; Task Group 201-G, Executing Durability in Construction Specifications; and C610, Field Technician Certification. He also served on the Chapter Activities Committee for two terms. Keim is a Past President (2008, 2017) of the Rocky Mountain Chapter – ACI and was co-chairperson for The ACI Concrete Convention

and Exposition – Fall 2015 in Denver, CO. He is also a member of ASTM Committees C01 and C09.

He received his BS in civil engineering from Metropolitan State University of Denver, Denver, CO, and is a licensed professional engineer in Colorado.

Awards

“In recognition of the relentless dedication in furthering the goals of the India Chapter of ACI, the enthusiastic contribution to ACI certification in India, and diligence supporting technical education and engineering amongst the student body and young civil engineering professionals across the Indian sub-continent.”



Shri. Chetan R. Raikar is the Chairman & Managing Director of Structwel Designers & Consultants Pvt. Ltd. Navi Mumbai, Maharashtra, India, since 2009.

He joined Structwel, the family-owned consultancy firm, immediately after his graduation in 1986 and, after taking training through various departments in the organization, was promoted to the position of Managing Director in 2004.

Raikar received the ACI Young Member Award for Professional Achievement in 1999; one among several other awards conferred by other reputed institutions.

He has authored and coauthored more than 80 technical papers. His research interests include innovative uses of nondestructive testing, innovations in conservation, and health assessment of structures.

He completed his BE in civil engineering from Sardar Patel College of Engineering, Gujarat, India, in 1986 and his MS in Conservation of Heritage Structures in 2012 from Herriot Watt University, Edinburgh, UK.

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 innovative and broad-reaching ways of educating students from middle school through college about environmentally conscious concrete design.”



Ardavan Yazdanbakhsh is an Assistant Professor in the Civil Engineering Department at the City University of New York, New York City, NY.

He started his research on concrete as an MS student studying the structural performance of concrete incorporating synthetic macro-fibers. During his PhD studies at Texas A&M University, College Station, TX, he developed a theoretical model for quantifying the dispersion of particles in composite materials. In addition, he conducted experimental research on the use of carbon nanofibers in concrete. He joined the City University of New York in 2012 after completing his PhD and started research on using recycled solid waste in concrete. His interests include understanding how recycling affects the environment and how it can affect the allocation of scarce resources in construction and concrete industries.

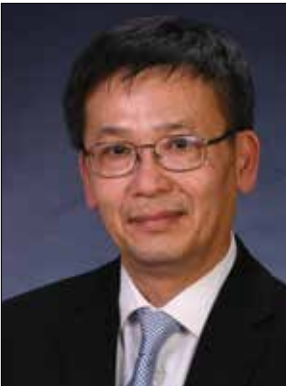
Ardavan is an economics enthusiast and enjoys studying and discussing the topic. He has several years of experience as a site engineer in road construction, construction of buildings with concrete frames, and in a plant producing admixtures and additives used in concrete and other construction materials. He has been an ACI member since 2006 and serves on ACI Committees 241, Nanotechnology of Concrete, and 555, Concrete with Recycled Materials.

ACI Foundation Awards

ARTHUR J. BOASE AWARD

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

“In recognition of your research on the response of high-strength/high-performance concrete structures to extreme loads, the effect of ASR on reinforced concrete material properties and structural capacities, and committee work to transfer the research results into design practice.”



Long T. Phan is the Leader of the Structures Group in the Engineering Laboratory of the National Institute of Standards and Technology (NIST), and an adjunct professor in the Civil Engineering Department of the Catholic University of America, Washington, DC. He has conducted research on a wide range of topics and has authored or co-authored more than 100 papers and reports.

He is a Fellow of ACI, a past Chair of Joint ACI-TMS Committee 216, Fire Resistance and Fire Protection of Structures, and a member of ACI Committees 133, Disaster Reconnaissance, and 349, Concrete Nuclear Structures. He received the ACI Wason Medal for Materials Research in 2004. He is also a member of the American Society of Civil Engineers (ASCE); a past Chair of the ASCE Fire Protection Committee; and a member of the SEI/ASCE 7-22 Wind Load Subcommittee, ASCE Wind Speed Estimation Standards Committee, and ASCE 29 Standard Calculation Methods for Structural Fire Protection Committee.

His research interests include the effects of elevated temperature exposure on high-performance/high-strength concrete, effects of alkali-silica reaction on material properties and structural capacity of reinforced concrete structures, structural design for fire conditions, tornado resistance design, and methodology for characterization of risk due to the combined effect of hurricane hazards, including hurricane wind, storm surge, and waves.

Phan received his MS and PhD in civil engineering from Washington University, St. Louis, MO, in 1982 and 1988, respectively. He is a licensed professional engineer in Virginia.

ACI Foundation Awards

ROBERT E. PHILLEO AWARD

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

“In recognition of your lifelong and continuing efforts in the field of concrete material research and bridge construction practices and its implementation in practice in the United States and around the world.”



David Darwin is the Deane E. Ackers Distinguished Professor and Chair of the Department of Civil, Environmental & Architectural Engineering at the University of Kansas, Lawrence, KS, where he has been a member of the faculty since 1974. Darwin also served for 5 years in the U.S. Army Corps of Engineers, including 1 year in Vietnam.

Darwin was elected an ACI Fellow in 1981 and Honorary Member in 2016. He received the ACI Delmar L. Bloem Distinguished Service Award in 1986, the ACI Arthur R. Anderson Award in 1992, the ACI Structural Research Award in 1996, the ACI Joe W. Kelly Award in

2005, the ACI Certification Award in 2010, and the ACI Foundation – Concrete Research Council Arthur J. Boase Award in 2013.

Darwin is a Past President of the Institute and a past Chair of ACI Committees 224, Cracking; Joint ACI-ASCE Committee 408, Bond and Development of Steel Reinforcement; TAC Technology Transfer Committee (TTTC); and the Concrete Research Council. He is also a past member or current member of the Technical Activities Committee (TAC), as well as ACI Committees 130, Sustainability of Concrete; 222, Corrosion of Metals in Concrete; and 224, Cracking; Joint ACI-ASCE Committees 408, Bond and Development of Steel Reinforcement; 445, Shear and Torsion; and 446, Fracture Mechanics of Concrete; ACI Subcommittee 318-B, Anchorage and Reinforcement; TTTC; and the Strategic Development Council Technology Transfer Advisory Group.

Darwin's research interests include crack control in reinforced concrete structures, especially bridges, using improved materials and construction procedures; corrosion protection of reinforcing steel; and bond between reinforcing steel and concrete.

ACI Foundation Awards

He received his BS in civil engineering in 1967 and his MS with a major in structural engineering and minor in materials science from Cornell University, Ithaca, NY, in 1968, and his PhD in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1974.

He is a member of the Precast/Prestressed Concrete Institute and ASTM International, and a Distinguished Member of the American Society of Civil Engineers.

JEAN-CLAUDE ROUMAIN INNOVATION IN CONCRETE AWARD

The **Jean-Claude Roumain Innovation in Concrete Award**, presented by the ACI Foundation Strategic Development Council, was established in 2010 to recognize individuals who have made contributions to the improvement of manufactured materials used in the production of concrete, have developed innovative ways to use new and existing materials, have improved concrete construction and serviceability, and have contributed to a sustainable built environment.

“In recognition of your leadership in concrete materials education and research which has advanced the knowledge of deicer interaction, utilization of fly ash and alternate cements, and the nature of the air-void system to overall improve the sustainability and durability of concrete.”

Lawrence L. Sutter, See Delmar L. Bloem Distinguished Service Award.

Awards

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.

Excellent Chapters 2018

Arizona
Arkansas
Carolinas
Central and Southern Mexico
Georgia
Greater Miami Valley
Guatemala
Illinois
India
Indiana
Intermountain
Kansas
Las Vegas
Louisiana
Maryland
Missouri
New Jersey
Northeast Mexico
Northern California and Western Nevada
Northwest Mexico
San Antonio
San Diego International
Southern California

Outstanding Chapters 2018

Central Texas
Eastern Pennsylvania and Delaware
Greater Michigan
Nebraska
Ontario
Philippines
Pittsburgh Area
Québec & Eastern Ontario
Rocky Mountain
Saudi Arabia
Singapore
Virginia
Washington

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.

2018 Excellent University Award

Arab Academy for Science, Technology &

Maritime Transport (Egypt)

Arizona State University (USA)

Auburn University (USA)

CSU Chico (USA)

FES Aragón, UNAM (Mexico)

Missouri University of Science and Technology
(USA)

New Jersey Institute of Technology (USA)

North Carolina State University (USA)

Oklahoma State University (USA)

Pittsburg State University (USA)

San Jose State University (USA)

Texas State University (USA)

UMG Arquitectura (Guatemala)

Universidad Autónoma de Nuevo León (Mexico)

Universidad de Cuenca (Ecuador)

Universidad de San Carlos, Facultad
Arquitectura (Guatemala)

Universidad de Sonora (Mexico)

Universidad Nacional de Ingeniería (Peru)

Universidad Nacional Federico Villarreal (Peru)

Universidad Peruana de Ciencias Aplicadas (Peru)

Universidad Rafael Landívar, Campus Central
(Guatemala)

Universidad San Francisco de Quito (Ecuador)

Universidad San Iganacio de Loyola (Peru)

University of Houston-Downtown (USA)

University of Illinois at Urbana-Champaign (USA)

University of Louisiana at Lafayette (USA)

University of Maryland (USA)

University of Miami College of Engineering (USA)

University of Nevada Las Vegas (USA)

University of North Carolina at Charlotte (USA)

University of Sherbrooke (Canada)

University of Texas at Austin (USA)

University of Toledo (USA)

University of Wisconsin-Platteville (USA)

Valparaiso University (USA)

Awards

2018 Outstanding University Award

Benemérita Universidad Autónoma de Puebla (Mexico)	Rose-Hulman Institute of Technology (USA)
British Columbia Institute of Technology (Canada)	Southern Illinois University Edwardsville (USA)
Escuela Colombiana de Ingeniería Julio Garavito (Colombia)	Tecnológico de Estudios Superiores de San Felipe del Progreso (Mexico)
Escuela Superior Politecnica del Litoral (Ecuador)	UMG Ingeniería, Quetzaltenango (Guatemala)
Facultad de Ingeniería de la Universidad Autónoma de Guerrero (Mexico)	UMG, Arquitectura, Huehuetenango (Guatemala)
Faculty of Engineering, Cairo University (Egypt)	UMG, Arquitectura, Quetzaltenango (Guatemala)
Faculty of Engineering, Tanta University (Egypt)	UMG, Ingeniería, Jutiapa (Guatemala)
FES Acatlán UNAM (Mexico)	Universidad Autónoma de Aguascalientes (Mexico)
Florida International University (USA)	Universidad Autónoma de Baja California (Mexico)
Illinois State University (USA)	Universidad Autónoma de Chiapas (Mexico)
Indian Institute of Technology Madras (India)	Universidad Autónoma de Coahuila (Mexico)
Instituto Politécnico Nacional (Mexico)	Universidad Autónoma de San Luis Potosí (Mexico)
Instituto Tecnológico de Iztapalapa III	Universidad Autónoma de Yucatan (Mexico)
Instituto Tecnológico de La Paz (Mexico)	Universidad Autónoma Del Estado De México (Mexico)
King Fahd University of Petroleum & Minerals (Saudi Arabia)	Universidad Autónoma Metropolitana Plantel Azcapotzalco (Mexico)
Kongu Engineering College (India)	Universidad Católica de Santa María (Peru)
Marwadi Education Foundation's Group of Institutions (India)	Universidad Católica Santo Toribio de Mogrovejo (Peru)
NED University of Engineering Technology (Pakistan)	Universidad César Vallejo (Peru)
Ohio State University (USA)	Universidad Da Vinci Huehuetenango (Guatemala)
Pennsylvania State University (USA)	Universidad de Colima (Mexico)
Polytechnic University of Puerto Rico	Universidad de Guadalajara (Mexico)
Pontificia Universidad Católica del Perú (Peru)	Universidad de San Carlos de Guatemala, CUNOC
PSG Institute of Technology & Applied Research (India)	Universidad de San Carlos de Guatemala, Ingeniería
Purdue University (USA)	

Awards

Universidad Del Valle de Guatemala
Universidad Galileo (Guatemala)
Universidad Mariano Gálvez, Arquitectura,
Antigua (Guatemala)
Universidad Mariano Gálvez, Ingeniería
(Guatemala)
Universidad Mariano Galvez, Ingeniería,
Huehuetenango (Guatemala)
Universidad Mesoamericana, Quetzaltenango
(Guatemala)
Universidad Michoacana de San Nicolás de
Hidalgo (Mexico)
Universidad Nacional Autónoma de México
(UNAM)
Universidad Nacional de San Antonio Abad del
Cusco (Peru)
Universidad Nacional de Trujillo (Peru)
Universidad Nacional del Centro del Perú
Universidad Peruana Los Andes (Peru)
Universidad Popular Autónoma del Estado de
Puebla (Mexico)
Universidad Privada Antenor Orrego (Peru)
Universidad Privada del Norte (Peru)
Universidad Rafael Landivar, Quetzaltenango
(Guatemala)
Universidad Ricardo Palma (Peru)
Universidad Tecnológica del Perú
Universidad Veracruzana Campus
Coatzacoalcos (Mexico)
Université Laval (Canada)
University of Asia Pacific (Bangladesh)
University of Balamand (Lebanon)
University of Georgia (USA)
University of Manitoba (Canada)
University of Minnesota Duluth (USA)
University of New Orleans (USA)
University of Puerto Rico - Mayaguez
University of Saskatchewan (Canada)
University of the Philippines Diliman
University of Victoria (Canada)
University of Virginia (USA)
URL, Campus San Pedro Claver (Guatemala)
West Pomeranian University of Technology,
Szczecin (Poland)

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 Sharon Schuman at Sharon.Schuman@concrete.org.

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