



2020 Awards Program

March 29, 2020

Hyatt Regency O'Hare
Chicago Hotel

Rosemont/Chicago, IL

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2020 Listing of Awardees

The following individuals will be receiving awards at the ACI Concrete Convention in Spring 2020 in Rosemont/Chicago, IL.

HONORARY MEMBERSHIP

Dean A. Browning
Gary J. Klein
Harald S. Müller

Genaro L. Salinas
Eldon (Tipp) G. Tipping
James K. Wight

50-YEAR MEMBERSHIP

Yogindra N. Anand
Michael J. Abrahams
William D. Arockiasamy
Alvin J. Badeaux Jr.
Rabih Batal
Alberto Giovambattista
John Hickel
Donald Hodgetts

Lawrence F. Kahn
Larry M. La Follette
Adrian Long
Denis Mitchell
Robert S. Opie
Richard R. Pikul
Basile G. Rabbat
Emiliano H. Ruiz

Jorge I. Segura
John M. Simpson
Ake L. Vebo
Gerald M. Veiluva
Helmuth Wilden
Loring A. Wyllie Jr.
Nadeem Zebouni

FELLOWS

Hakim S. Abdelgader
Eduardo Castell Ruano
Juan F. Correal
Xavier Destrée
Mahmut Ekenel
William R. (Rod) Elderton

Mark F. Green
Issam Elias Harik
Riyadh Hindi
O. Burkan Isgor
Mohan Abraham Jacob
Ashok Kakade

Adam S. Lubell
Mustafa Mahamid
Hayder A. Rasheed
Scott T. Smith
Mohammed Sonebi
Kevin Wolf

PERSONAL AWARDS

ARTHUR R. ANDERSON MEDAL

W. Jason Weiss

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

American Society of Concrete Contractors (ASCC)

JOE W. KELLY AWARD

Robert J. Frosch

HENRY L. KENNEDY AWARD

Frances T. Griffith

ALFRED E. LINDAU AWARD

Donald F. Meinheit

HENRY C. TURNER MEDAL

Concrete Industry Management (CIM)

2020 Listing of Awardees

CHARLES S. WHITNEY MEDAL

Robert L. and Terry L. Bowen Laboratory for Large-Scale Civil Engineering Research

CEDRIC WILLSON LIGHTWEIGHT AGGREGATE CONCRETE AWARD

Mauricio López

ACI CONCRETE SUSTAINABILITY AWARD

Maria Juenger

ACI STRATEGIC ADVANCEMENT AWARD

Anne M. Ellis

ACI CERTIFICATION AWARD

Mark A. Cheek • J. Mitchell Englestead • Janet Owens White

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

Francisco D. Anguiano Perez • Sourabh Surendra Manjrekar

PAPER AWARDS

WASON MEDAL FOR MOST MERITORIOUS PAPER

Daniel I. Castaneda • Jacob D. Henschen • David A. Lange

ACI CONSTRUCTION AWARD

James Klinger • Tim Manherz • Frank P. Salzano • Bruce A. Suprenant

WASON MEDAL FOR MATERIALS RESEARCH

Mohamed T. Bassuoni • Mohammad Tiznobaik

METE A. SOZEN AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

Mohammed Galal El-Gendy • Ehab El-Salakawy

ACI DESIGN AWARD

Jennifer Greenawalt • Zachary Kates • Mark J. Tamaro

SERVICE AWARDS

DELMAR L. BLOEM DISTINGUISHED SERVICE AWARD

Timothy S. Folks • Keith Kesner • Mustafa Mahamid • Jeffrey F. Speck

ACI EDUCATION AWARD

Hakim Bouadi

CHAPTER ACTIVITIES AWARD

Mark J. Keister • Pankaj Subhash Shah • Wayne M. Wilson

WALTER P. MOORE, JR. FACULTY ACHIEVEMENT AWARD

Benjamin Z. Dymond

ACI FOUNDATION AWARDS

ARTHUR J. BOASE AWARD

Frank J. Vecchio • John W. Wallace

ROBERT E. PHILLEO AWARD

Kamal H. Khayat

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, 261 have
been elected to this position.*

Honorary Members

“for his long and outstanding service to ACI and his leadership at the Charles Pankow Foundation”



Dean A. Browning, FACI, retired from Charles Pankow Builders in 2011 and the Charles Pankow Foundation in 2013, and he completed ACI committee work in 2019. He is past Chair of the ACI Hot Topics Committee and a past member of the ACI Board of Direction, Construction Liaison Committee, Financial Advisory Committee, Hot Topics Committee, Publications Committee, Educational Activities Committee, and Convention Committee; and the ACI Foundation Concrete Research Council. He is also a past member of ACI Committee 318, Structural Concrete Building Code, and ACI Subcommittees 318-A, General,

Concrete, and Construction; and 318-B, Anchorage and Reinforcement. Browning was the recipient of the 2013 Roger H. Corbetta Concrete Constructor Award.

Browning was a member of the Northern California and Western Nevada Chapter – ACI, where he served as President, a member of the Board of Direction, and Co-Chair of the 2004 ACI Centennial Convention in San Francisco, CA.

He received his BS in 1971 and his MS in 1974 in civil engineering from Purdue University, West Lafayette, IN. Between his BS and MS degrees, he worked for the State of Indiana Highway Department as a Highway Engineer at the Research and Training Center in West Lafayette, IN, evaluating the impact of highway research projects funded by state and federal programs and performing training of highway personnel. While at Purdue, he met Charles Pankow, who convinced him to move to the West Coast.

Browning retired from Charles Pankow Builders, where he worked primarily in the San Francisco office, but he moved his family to other company project and office locations during his 37 years filling many field and office positions. At Charles Pankow Builders, he started as a Field Engineer and retired as Senior Vice President/Chief Operating Officer overseeing field operations. Most of his positions included managing significant design-build projects. Browning has been a speaker on techniques for managing multiple design and construction disciplines during a design-build project. He is a past member of the Design-Build Institute of America, of which Charles Pankow Builders is a charter member.

Browning retired from the Charles Pankow Foundation, where he was responsible for administering active research grants funded by the Foundation.

Honorary Members

“for improving the safety of infrastructure systems through failure and damage investigations and integrating the lessons learned into building codes”



Gary J. Klein, FACI, is Executive Vice President and Senior Principal at Wiss, Janney, Elstner Associates, Inc. (WJE) in Northbrook, IL. For 40 years, Klein has investigated and delivered solutions for buildings and bridges suffering from deterioration, distress, or failure. He has investigated numerous structural collapses, including the 1981 collapse of the skywalks in the Kansas City Hyatt Regency Hotel and the 1996 collapse of the KB Bridge in the Republic of Palau. Klein has also had a lead role in several Precast/Prestressed Concrete Institute (PCI) sponsored research projects, including study of spandrel beam behavior, building volume

change, behavior of dapped double-tees, and punching shear beam ledges.

He is an active member of ACI and PCI. Since 1995, Klein has been a member of ACI Committee 318, Structural Concrete Building Code. Klein is also a member of ACI Committee 342, Evaluation of Concrete Bridges and Bridge Elements; Joint ACI-ASCE Committee 445, Shear and Torsion; ACI Subcommittees 318-E, Section and Member Strength, and 318-J, Joints and Connections; and Joint ACI-ASCE Subcommittee 445-A, Shear & Torsion-Strut & Tie.

Klein has authored more than 40 papers related to his structural investigation practice and research work. In 2016, Klein was elected to the National Academy of Engineering. He has also received several awards, including the 2010 Wason Medal for Most Meritorious Paper and the 2016 Charles S. Whitney Medal, ASCE's T.Y. Lin Award (on two occasions), and PCI's Martin P. Korn Award (on four occasions).

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

Honorary Members

“for advancing research globally on concrete behavior, particularly the modeling of creep and shrinkage and for furthering the collaboration between ACI and fib”



Harald S. Müller is Professor Emeritus at the Institute of Concrete Structures and Building Materials at the Karlsruhe Institute of Technology, Karlsruhe, Germany, and Managing Partner of SMP Engineers of Constructions Ltd. In 2017, he retired from his position as Full Professor and Director at the Karlsruhe Institute of Technology. He has published over 450 papers on subjects referring to his main areas of expertise in national and international journals and conference proceedings, including three monographs. As an editor, he has released a series of publications and over 15 conference proceedings.

Müller is Honorary President of the International Federation for Structural Concrete (*fib*) and an elected member of the National Science Foundation of Germany. He received awards for his excellent diploma marks and Dr-Eng dissertation, as well as for several papers and presentations in his career. In 2017, he was bestowed the Nebenius Medal from the Industry and Commerce Chamber of the South Germany Region, and in 2018 he became a Foreign Member of the Russian Academy of Engineers. In 2019, he was awarded the title of Shandong Provincial Distinguished Foreign Expert (China). Müller is a publicly appointed and court-admitted sworn expert for concrete and masonry structures, and he is also a member of various national and international scientific commissions and technical associations for standardization, including ACI, the German Committee for Structural Concrete (CEN), Deutscher Ausschuss für Stahlbeton (DAfStb), Deutsches Institut für Normung (DIN), and the International Union of Laboratories and Experts in Construction Materials, Systems, and Structures (RILEM). He currently serves as a Convener within the CEN Eurocode 2 revision process, and he has been a member of ACI Committee 209, Creep and Shrinkage in Concrete, for more than 30 years.

Müller's research interests include concrete and concrete structures; life-cycle analysis, life-cycle prediction, and management of concrete structures; protection, maintenance, strengthening, and repair of buildings and structures; new types of concrete (for example, eco-efficient and ultra-high-performance concrete); mechanical behavior and constitutive modeling of concrete; microstructure and durability of building materials; mortars and masonry made of natural or artificial stones; testing methods for concrete and masonry (materials and structures); temperature and moisture flow in mineral building materials; and German and international standards and guidelines.

Müller received his diploma in civil engineering and his Dr-Eng from the University of Karlsruhe.

Honorary Members

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



Genaro L. Salinas, FACI, is Concrete Construction Consultant for Salinas Consultants, El Paso, TX. He was recognized for his numerous contributions to ACI Certification programs—for teaching classes in Spanish and assisting sponsoring groups in developing new certification programs in Mexico, Guatemala, Costa Rica, Honduras, Ecuador, and several locations in the United States.

Salinas is a member of ACI Committees 223, Shrinkage-Compensating Concrete; C601, New Certification Programs; C610, Field Technician Certification; C612, Self-Consolidating Concrete

Technician Certification; C620, Laboratory Technician Certification; C630, Construction Inspector Certification; C631, Concrete Transportation Construction Inspector Certification; C640, Craftsman Certification; C641, Decorative Concrete Finisher Certification; C650, Tilt-Up Constructor Certification; C670, Masonry Technician Certification; and International Certification. He serves as an Examiner for 14 classes in Spanish, translating several certification exams, and leads training classes and exams for flatwork finishers in Arizona, New Mexico, Texas, Arkansas, Florida, Oklahoma, New York, and the District of Columbia. Salinas is a Past President of the El Paso International Chapter – ACI.

Salinas became a Fellow of ACI in 2016. He received the 2015 Northeast Mexico Chapter – ACI Raymundo Rivera-Villarreal Award and the ACI Certification Award in 2018. He is a regular lecturer for the Mexican Institute of Cement and Concrete (IMCYC) and is also an advisor to Mexico’s Cement and Concrete and Masonry Association (ICCYC). He was a speaker at World of Concrete on industrial floor slabs and at World of Concrete Latin America on concrete technology and tilt-up. Salinas is a member of the Mexican Institute for Development of Masonry Construction (IDEAC) and Guest Professor of the Universidad Autónoma de Ciudad Juárez (UACJ), Construction Systems for Architects, and New Mexico State University (NMSU) Quality Concrete School. He is the Technical Committee Coordinator for the Northwest Mexico Chapter – ACI. He has been a member of the El Paso Solar Energy Association since 1996 and served as Past President. Salinas is also active in student certification at UACJ, NMSU, the Monterrey Institute of Technology and Higher Education (ITESM), and Pontificia Universidad Católica del Ecuador (PUCE).

Salinas received his BS in civil engineering from the Monterrey Institute of Technology, Monterrey, Mexico, in 1963.

Honorary Members

“for lifetime achievements and contributions to ACI and the concrete industry, particularly in the area of floor tolerances and constructability”



Eldon (Tipp) G. Tipping, FACI, is Founder, Vice-Chairman, and Principal of Structural Services, Inc. (SSI). He founded SSI in 1988.

Tipping was a member of the ACI Board of Direction from 2006 to 2009. He served for 6 years as a member of ACI's Technical Activities Committee. He is a past Chair of ACI Committees 302, Construction of Concrete Floors, and 330, Concrete Parking Lots and Site Paving; and Joint ACI-ASCC Committee 117, Tolerances. He is also a member of ACI Committee 360, Design of Slabs on Ground. He has published numerous articles in professional publications, spoken annually at World of

Concrete, and leads educational seminars. His other affiliations include the American Concrete Pavement Association (ACPA), American Society of Civil Engineers (ASCE), American Society of Concrete Contractors (ASCC), ASTM International, the International Concrete Repair Institute (ICRI), and the Structural Engineers Association of Texas (SEAoT).

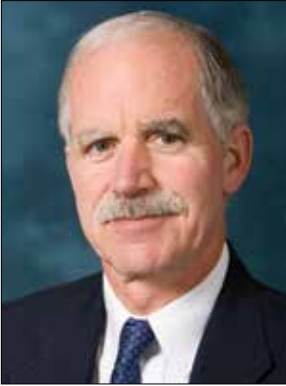
His contributions to the concrete industry were recognized in 2005 by *Concrete Construction* magazine, and he was selected as one of the most influential people in the concrete industry. In 2000, he was elected a Fellow of ACI. He received the 2005 Delmar L. Bloem Distinguished Service Award for Chair leadership of ACI Committee 302, the Texas A&M College of Architecture's Outstanding Alumni Award in recognition of his exceptional leadership and accomplishments in 2006, and the Samuel A. Face, Jr. Golden Trowel Award in 2008.

Tipping has over 40 years of professional experience in the structural design of commercial, industrial, and military projects in the United States and other countries. As a leading authority, he has been asked to perform forensics investigations and has provided innovative remediation solutions. Tipping started his career as a structural designer for commercial and industrial structures and later served as Vice President for a commercial materials-testing laboratory, where he monitored construction projects.

Tipping received his BS in architectural construction in 1969 and his MA in construction management in 1973 from Texas A&M University, College Station, TX, with an emphasis on structural design and management. He is a licensed professional engineer in five states.

Honorary Members

“for improving the design and safety of reinforced concrete buildings through outstanding leadership in research, teaching and professional service.”



James K. Wight, FACI, is Professor of civil engineering in the Department of Civil and Environmental Engineering at the University of Michigan, Ann Arbor, MI, where he has taught since 1973. He teaches undergraduate and graduate classes on structural analysis and design of reinforced concrete structures.

Wight has been an active member of ACI since 1973 and was named a Fellow of the Institute in 1984. He is a Past President of ACI and a past member of the ACI Board of Direction. He is past Chair of the ACI Technical Activities Committee; ACI Committee 318, Structural Concrete Building Code; Joint ACI-ASCE

Committee 352, Joints and Connections in Monolithic Concrete Structures; and ACI Subcommittee 318-E, Section and Member Strength. He is Past President of the Greater Michigan Chapter – ACI.

He is well known for his work in earthquake-resistant design of concrete structures. His recent research has concentrated on the strength and inelastic behavior of connections in composite structures (reinforced concrete and steel) and the use of high-performance fiber-reinforced concrete composites for critical members or regions of concrete structures. He spent a 1-year sabbatical in Japan and was involved in the construction and simulated earthquake testing of a full-scale reinforced concrete building. He has been involved with post-earthquake damage studies following earthquakes in Mexico, Chile, Armenia, Egypt, California, Japan, and India.

At the University of Michigan, Wight has received numerous awards, including the ASCE Student Chapter Teacher of the Year Award (eight times), the College of Engineering’s Distinguished Service and Teaching Excellence Awards, the State of Michigan Award for Outstanding Teaching, and the Chi Epsilon – Great Lakes District Excellence in Teaching Award. He has also received the 1991 Delmar L. Bloem Distinguished Service Award, the 1999 Joe Kelly Award, the 2002 ACI Foundation Arthur J. Boase Award, the 2003 and 2009 Mete A. Sozen Award for Excellence in Structural Research, the 2012 Wason Medal for Most Meritorious Paper, and the 2015 Charles S. Whitney Medal.

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

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.



Michael J. Abrahams



William D. Arockiasamy



Rabih Batal



Alberto Giovambattista



John Hickel



Lawrence F. Kahn



Denis Mitchell



Robert S. Opie



Richard R. Pikul

50-Year Membership Citations



Basile G. Rabbat



Emiliano H. Ruiz



Jorge I. Segura



Helmuth Wilden



Loring A. Wyllie Jr.



Nadeem Zebouni

NOT PICTURED:

**Yogindra N. Anand
Alvin J. Badeaux Jr.
Donald Hodgetts
Larry M. La Follette
Adrian Long
John M. Simpson
Ake L. Vebo
Gerald M. Veiluva**

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

Fellows



Hakim S. Abdelgader has been a Professor in the Department of Civil Engineering at the University of Tripoli, Tripoli, Libya, since January 2003. He is also a visiting Professor at Gdańsk University of Technology, Gdańsk, Poland, from November 2018 to March 2020. Abdelgader has authored or co-authored more than 70 technical papers and reports.

He is a member of ACI Committees 221, Aggregates; 237, Self-Consolidating Concrete; 304, Measuring, Mixing, Transporting, and Placing Concrete; 444, Structural Health Monitoring and Instrumentation; and 555, Concrete with

Recycled Materials. His research interests include building materials, concrete technology, cement replacement materials, concrete repair, self-consolidating concrete, concrete with recycled materials, underwater concreting, two-stage concrete, and concrete casting in fabric forms. Abdelgader has supervised nine graduate students from Libya, Poland, Ireland, and Iran.

He received his BS in civil engineering from the University of Tripoli in 1988 and his MSc and PhD in civil engineering from Gdańsk University of Technology in 1990 and 1996, respectively.



Eduardo Castell Ruano has more than 30 years of experience in structural and civil projects, including as an independent Consultant from 2015 to the present, an Engineering Design Manager at Moffatt & Nichol from 2012 to 2015, Director of the Structural Department at HMV Ingenieros from 2000 to 2015, Structural Engineer at HMV Ingenieros from 1995 to 2000, and Structural Engineer at Portland Cement Association (PCA) from 1989 to 1995. He was also a Lecture Professor of concrete design in the Department of Civil and Environmental Engineering at the Universidad de Los Andes, Bogotá,

Colombia, from 1990 to 2015. He has been involved in civil and structural engineering projects in Colombia and many other Latin American countries, mainly in road infrastructure, bridges, sea and port, big and small hydroelectric and thermal generation projects, buildings, and facilities. He is also a consultant to the World Bank for Central America and Africa in structural, risk, vulnerability, and code regulatory aspects. In recent years, he has been carrying out the assessment of the building regulatory framework for the implementation of a World Bank intervention plan in Kenya, Malawi, and Uganda.

He has been a member of both ACI Committee 314, Simplified Design of Concrete Buildings, and the Republic of Colombia Chapter – ACI since 2004. He has also been a member and Board member of the American Society of Civil Engineers (ASCE) since 2013.

In addition, he has been a member of the Colombian Association for Earthquake Engineering (AIS) since 1989, including serving as its President from 2013 to 2015 and

Fellows

2018 to present. He has also been a member of the Advisory Commission for the Colombian Building Code during the same time periods.

He received his BS in civil engineering from the Universidad de Los Andes in 1989 and his MSc in civil engineering with a major in structural engineering from the Universidad de Los Andes in 1991.



Juan F. Correal is an Associate Professor in the Department of Civil and Environmental Engineering at the Universidad de Los Andes, Bogotá, Colombia, and is a Civil Engineer with over 20 years of experience. He has advised more than 74 students in the structural field, and he has more than 136 publications on materials, design, and seismic behavior of structures.

Since 2000, Correal has been a member of ACI Committee 374, Performance-Based Seismic Design of Concrete Buildings, and ACI Subcommittees 318-D, Members; 318-L, International Liaison; and 318-S, Spanish Translation. He is also a member of the American Society of Civil Engineers (ASCE). He received the ACI Design Award for the paper “An Insight into the Space Building Collapse” in 2018. His research interests include seismic design and behavior of structures.

He received his undergraduate and master’s degrees from the Universidad de Los Andes in 1998 and 1999, respectively, and his PhD from the University of Nevada, Reno, Reno, NV, in 2004. He is a licensed professional engineer in California.



Xavier Destrée is an independent R&D Consultant for the ArcelorMittal company (Grand Duchy of Luxembourg) in the field of steel fiber-reinforced concrete. He has authored and co-authored more than 40 papers and reports in the same field of engineering. Destrée has been an active member of numerous standards committees regarding steel fiber-reinforced concrete in Belgium, Holland, France, Sweden, the United Kingdom, Spain, and elsewhere in Europe.

Destrée is a member of ACI Committee 544, Fiber Reinforced Concrete, and ACI Subcommittee 544-D, FRC-Structural Uses. He was also part of the team that prepared ACI 544.6R-15, “Report on Design and Construction of Steel-Fiber Reinforced Concrete Elevated Slabs.”

He is the author of several patents regarding worldwide successful applications of steel fiber-reinforced concrete, coining novel fiber types and new applications such as joint-free slabs on grade (1983) and suspended elevated steel-fiber concrete slabs (2004). Destrée pioneered steel fiber-reinforced concrete to develop suspended slabs and mat foundations starting in 1992.

Fellows

Destrée received his degree in structural civil engineering from the University of Brussels, Brussels, Belgium, at the École Polytechnique de Bruxelles in 1978. He received his degree in business administration from Saint-Louis University, Brussels, Belgium, in 1982. He was awarded the Jacques Verdeyen Prize for his development on novel glass fiber-reinforced cementitious composites regarding the composition and structural design theory.



Mahmut Ekenel is a Senior Staff Engineer at ICC Evaluation Service, LLC, in Brea, CA. He has been working with ICC Evaluation Service for 14 years. Ekenel has published numerous technical papers throughout his career in regard to the use of waste materials in concrete, optimization of concrete aggregate sources, anchorage to concrete, fiber-reinforced concrete, three-dimensional (3-D) concrete construction, strengthening and rehabilitation of concrete structures using fiber-reinforced polymer (FRP) composites, and nondestructive test methods for FRP-strengthened concrete members.

Ekenel has been an active member of ACI since 2002 and is Secretary of ACI Subcommittee 544-F, FRC-Durability. He is also a member of ACI Committees 440, Fiber-Reinforced Polymer Reinforcement; 544, Fiber Reinforced Concrete; and 549, Thin Reinforced Cementitious Products and Ferrocement. Ekenel presented seven technical papers at five ACI conventions (four of them published in ACI Special Publications) and is currently helping develop three ACI Technical Notes. He was co-moderator for three ACI sessions and was co-editor of three ACI Special Publications. He has been delivering technical presentations on building codes and concrete in various universities since 2005. Ekenel has also been a member of Chi Epsilon since 2002 and the American Society of Civil Engineers (ASCE) since 2003, and he has been working as an Associate Editor for the ASCE's *Journal of Materials in Civil Engineering* since 2008.

In 2009, he was awarded the Outstanding Young Alumni Award by Missouri S&T University's Academy of Civil Engineers.

He received his BSc from Selçuk Üniversitesi, Konya, Turkey, in 1996; his MS from Southern Illinois University, Carbondale, IL, in 2001; and his PhD from Missouri S&T, Rolla, MO, in 2004, where he also worked as a Postdoctoral Researcher in 2005. Ekenel is a licensed professional engineer in California and Ohio.

Fellows



William R. (Rod) Elderton retired from the Metropolitan Water District of Southern California in 2011. He was the Manager of the Soils and Concrete Team responsible for the specification, inspection, approval, and quality assurance testing of portland cement concrete and concrete materials.

He has been a member of the Southern California Chapter – ACI for over 40 years and has served on the Board of Directors, as Vice President, and as President on two separate elected occasions. He has also served as a Supplemental Examiner for the chapter’s certification programs since their inception in the

mid-1980s and is currently Chair of the chapter’s Certification Committee and the designated Sponsoring Group contact. He received ACI’s Certification Award in 2017 and has been designated by the chapter’s Board of Directors as the Chapter Parliamentarian.

Elderton received his BS in civil engineering from California State University, Northridge, CA, in 1976 and is a veteran of the United States Navy, where he served in the Construction Battalion (Seabees) as an engineering aid.



Mark F. Green is Provost and Vice-Principal (Academic) at Queen’s University, Kingston, ON, Canada. He is also a Professor in the Department of Civil Engineering at Queen’s University, where he has worked for 29 years. Green has authored or co-authored more than 250 academic publications in his field of structural engineering.

He is a member of ACI Committee 440, Fiber-Reinforced Polymer Reinforcement, and Joint ACI-TMS Committee 216, Fire Resistance and Fire Protection of Structures. He has served as Co-Chair of ACI Subcommittee 440-F, FRP-Repair-

Strengthening, and as Co-Chair of ACI Subcommittee 440-C, FRP-State-of-Art; and he was the main editor of ACI 440R-07, “Report on Fiber-Reinforced Polymer (FRP) Reinforcement for Concrete Structures.”

Green’s research has advanced knowledge on the durability of concrete structures with FRPs in cold regions, on strengthening concrete beams with prestressed FRP sheets, and on the fire resistance of concrete structures with FRP. His research has led to the world’s first post-tensioning tendon replacement application with FRP (Toronto, ON, Canada, December 2007) and the first field application in North America for strengthening bridges with prestressed FRP sheets (Winnipeg, MB, Canada, in October 2003). Furthermore, his research on fire resistance is widely identified as satisfying one of the most pressing research needs in applications of FRPs in civil engineering. His research and work with ACI Committee 440 have influenced several of their documents, including ACI 440R-07 and ACI 440.2R-17, “Guide for the Design and Construction of Externally Bonded FRP Systems for Strengthening Concrete Structures.”

Fellows

A member of the Mohawks of the Bay of Quinte, Green has an active interest in encouraging diversity in engineering. He was Co-Chair of the Queen's Truth and Reconciliation Commission Task Force and an advisor to Queen's Dean of Engineering and Applied Science on the development of the faculty's Aboriginal Access to Engineering Initiative.

Green received his BSc in mathematics and engineering from Queen's University in 1987 and his PhD from the University of Cambridge, Cambridge, UK, in 1991.



Issam Elias Harik is the Raymond-Blythe Professor in the Department of Civil Engineering at the University of Kentucky, Lexington, KY.

Harik is a member of ACI Committees 440, Fiber-Reinforced Polymer Reinforcement, and S803, Faculty Network; and Joint ACI-ASCE Committees 343, Concrete Bridge Design, and 441, Reinforced Concrete Columns. He is also a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI).

His research interests include field testing of bridges and culverts and the deployment of fiber-reinforced polymers in structural repair of concrete bridges. He has also authored or co-authored over 300 technical papers and reports.

He received his BS in 1977, his MS in 1979, and his PhD in civil engineering in 1982 from Wayne State University, Detroit, MI. He joined the University of Kentucky in 1982.



Riyadh Hindi is a Professor of civil engineering and Associate Dean for Graduate Education and Research at Parks College of Engineering, Aviation, and Technology of Saint Louis University, St. Louis, MO. He has authored or co-authored over 75 technical papers and reports.

He is a member of several professional organizations, including the American Society of Civil Engineers (ASCE), the American Society for Engineering Education (ASEE), the International Association for Bridge Maintenance and Safety (IABMAS), and the Structural Engineering Institute (SEI). He is a Fellow of SEI. He is a past Chair of Joint ACI-ASCE Subcommittee 343-A, Design; and a member of ACI Committee 341, Earthquake-Resistant Concrete Bridges; and Joint ACI-ASCE Committee 343, Concrete Bridge Design. He is also a member and past Secretary of ACI Committee 342, Evaluation of Concrete Bridges and Bridge Elements, and Joint ACI-ASCE Committee 441, Reinforced Concrete Columns. He has chaired and organized many technical sessions.

Fellows

He received his BS in civil engineering in 1988 and his MS in civil/structural engineering in 1992 from the University of Baghdad, Baghdad, Iraq. He received his PhD in structural and earthquake engineering from the University of British Columbia, Vancouver, BC, Canada, in 2001. He is a licensed professional engineer in British Columbia, Canada.



O. Burkan Isgor is a Professor of civil engineering and materials science at Oregon State University, Corvallis, OR. He is Chair of ACI Committee 222, Corrosion of Metals in Concrete, and a member of ACI Committees 236, Material Science of Concrete, and 365, Service Life Prediction. His research interests include durability of concrete, reinforcement corrosion, thermodynamic modeling of cementitious systems, and service-life modeling of concrete structures. He has authored or co-authored over 200 publications, including approximately 100 peer-reviewed journal articles.

He received his civil engineering degree from Boğaziçi University, Istanbul, Turkey, in 1995, and his MS and PhD from Carleton University, Ottawa, ON, Canada, in 1997 and 2001, respectively. He is a Fellow of the Canadian Society for Civil Engineering (CSCE) and is a licensed professional engineer in Ontario, Canada.



Mohan Abraham Jacob is a Structural Consultant and Project Management Expert with approximately 55 years of experience in the field of civil and structural engineering. He has served the Central Public Works Department (CPWD) of the Government of India in various capacities, culminating in his position as Additional Director General, CPWD, Government of India. Over the last 18 years, he has worked as a consultant of eminence in civil engineering projects and arbitration.

He was the recipient of the ACI Chapter Activities Award in 2006. He has assiduously worked for ACI certification and ACI student chapter initiatives in the most remote parts of India. He played a pivotal role in steering the roundtable meetings of ACI chapters in Asia in 2015 during the International Conference held in India. He has contributed as a Chair of the Scientific Committee and Co-Chair for the R.N. Raikar International Conferences and made special efforts to involve his many international acquaintances in the last three biennial conferences, resulting in effective ACI outreach across multiple continents. Jacob has served the India Chapter – ACI in various capacities, including as Director (2000-2003), Hon. Secretary and Treasurer (2003-2008), Vice President (2008-2011), President (2011-2013), and Past President-Director (2013-present).

Fellows

He is a renowned designer and administrator, and several landmark structures constructed under his leadership bear testimony to his engineering and project management skills. As a high-ranking official in the CPWD of the Government of India, he has made special efforts to connect federal government departments to ACI activities in India, which helped lead to ACI's certification efforts in India today. He actively mentors younger leadership at the chapter level to spread awareness about ACI in India and other Asian countries.

Jacob received his BE in civil engineering and his MS in soil mechanics and foundation engineering. He also received his diploma in specialized buildings from ACTIM, Paris, France.



Ashok Kakade is Principal Engineer and President of Concrete Science, Inc., Hayward, CA. He has approximately 40 years of experience in construction, forensic investigation, and repair of concrete structures. He has published various research articles and technical papers in *Concrete International*, *Concrete Repair Bulletin*, and other national and international technical journals. For several years, he taught concrete technology classes through the University of California, Berkeley, Berkeley, CA, engineering extension. He has also been involved in lecturing and organizing numerous technical education seminars.

Kakade is a past Chair and current member of ACI Committee 364, Rehabilitation. He is Chair of ACI Subcommittee 364-L, Liaison Subcommittee. He is also a member of ACI Committees 332, Residential Concrete Work, and 437, Strength Evaluation of Existing Concrete Structures. He is a Director of the Northern California and Nevada Chapter – ACI. He has been a long-standing member of various ASTM International technical committees and has received a 15-year service award. Kakade is a Fellow of the American Society of Civil Engineers (ASCE), International Concrete Repair Institute (ICRI), and Indian Concrete Institute (ICI).

He received his bachelor of engineering degree from the University of Bombay, Bombay, India, in 1979 and his MS in civil engineering from the South Dakota School of Mines & Technology, Rapid City, SD, in 1988. He is a licensed professional engineer in California, Nevada, and Arizona.

Fellows



Adam S. Lubell is a Project Engineer with RJC Engineers, Vancouver, BC, Canada, with over 20 years of experience in the areas of design, assessment, and seismic upgrading of buildings and other structures. He is also an Adjunct Professor at the University of British Columbia, Vancouver, BC, Canada, and has authored or co-authored over 60 technical papers and reports.

Lubell is Secretary of Joint ACI-ASCE Committee 445, Shear and Torsion, and Joint ACI-ASCE Subcommittee 445-A, Shear & Torsion-Strut & Tie, and a past Secretary of ACI Innovation

Task Group ITG-6, High Strength Steel Reinforcement. He is also a member of ACI Committees 318, Structural Concrete Building Code; 435, Deflection of Concrete Building Structures; 440, Fiber-Reinforced Polymer Reinforcement; 544, Fiber Reinforced Concrete; and S803, Faculty Network, as well as ACI Subcommittee 318-E, Section and Member Strength. He received the ACI Design Award in 2006. His research interests include the design and rehabilitation of reinforced and prestressed concrete structures and the development of structural detailing guidelines to allow the use of high-performance materials.

He received his BSc in civil engineering from the University of Waterloo, Waterloo, ON, Canada, in 1995; his MSc from the University of British Columbia in 1997; and his PhD from the University of Toronto, Toronto, ON, Canada, in 2006. He is a licensed professional engineer in Ontario, Alberta, and British Columbia in Canada.



Mustafa Mahamid is a Clinical Associate Professor in the Department of Civil and Material Engineering at the University of Illinois at Chicago (UIC), Chicago, IL. He has authored or co-authored numerous technical papers, design guides, book chapters, reports, and books.

He is Chair of Joint ACI-ASCE Committee 421, Design of Reinforced Concrete Slabs, and a member of ACI Committees 314, Simplified Design of Concrete Buildings; 435, Deflection of Concrete Building Structures; S802, Teaching Methods and Educational Materials; S803, Faculty Network; and the TAC

Subcommittee on ACI/ASCE-SEI Joint Committees. He is also a member of Joint ACI-ASCE Committees 352, Joints and Connections in Monolithic Concrete Structures, and 441, Reinforced Concrete Columns.

Mahamid is a Fellow of the American Society of Civil Engineers (ASCE) and the Structural Engineering Institute (SEI). His research interests include joints and connections, earthquake-resistant design, and fire engineering. He received his BSc in civil engineering from The Eastern Mediterranean University, North Cyprus, Turkey, in 1999; his MS in civil engineering from Bradley University, Peoria, IL, in 2001; and his PhD

Fellows

in civil engineering from the University of Wisconsin – Milwaukee, Milwaukee, WI, in 2001. He is a licensed professional engineer in Wisconsin, Michigan, California, and Washington; a licensed structural engineer in Illinois; and a professional engineer in Newfoundland and Labrador in Canada.



Hayder A. Rasheed is the Thomas and Connie Paulson Outstanding CE Faculty and Professor in the Department of Civil Engineering at Kansas State University, Manhattan, KS. He has served on the Faculty of Civil Engineering at Kansas State University since 2001. He has authored one textbook, co-authored two reference books, and written over 80 journal papers.

Rasheed is a member of ACI Committees 369, Seismic Repair and Rehabilitation; 440, Fiber-Reinforced Polymer Reinforcement; S803, Faculty Network; and Joint ACI-ASCE Committees 335, Composite and Hybrid Structures, and 441, Reinforced Concrete Columns. He is a Fellow of the American Society of Civil Engineers (ASCE). His research interests include nonlinear behavior of reinforced and prestressed concrete members and systems as well as stability and response of fiber-reinforced polymer composite structures under extreme loading.

He received his BSc and MSc in civil and structural engineering from the University of Baghdad, Baghdad, Iraq, in 1987 and 1990, respectively, and his PhD in civil/structural engineering from the University of Texas at Austin, Austin, TX, in 1996. He has been a licensed professional engineer in Wisconsin since 1998.



Scott T. Smith is a Professor of structural engineering and Deputy Dean (International) in the Faculty of Engineering, Computer, and Mathematical Sciences at the University of Adelaide, Adelaide, Australia. He has over 20 years of research and teaching experience, has authored or co-authored over 250 scholarly articles and reports, and has delivered over 220 invited and conference presentations.

He is Chair of ACI Subcommittee 440-1L, Liaison Subcommittee; Co-Chair of ACI Task Group 440-TG3, Anchorage Task Group; and a member of ACI Committee 440, Fiber-Reinforced Polymer Reinforcement. On the international front, Smith is an Australian Committee Member of the Concrete Institute of Australia (CIA) and ACI Joint Subcommittee. He is also President of the International Institute for FRP in Construction (IIFC) and a recipient of the IIFC Distinguished Young Researcher Award. His research interests include the application of fiber-reinforced polymer composites to the built environment as well as sustainable concrete development.

Fellows

He received his BE in civil engineering and his PhD (majoring in structural engineering) from the University of New South Wales, Sydney, Australia, in 1994 and 1999, respectively. In 2018, he received his MBA and DIC from Imperial College London, London, UK. Smith is a chartered professional engineer in Australia and a Fellow of the American Society of Civil Engineers (ASCE).



Mohammed Sonebi is a Senior Lecturer in the School of Natural and Built Environment at Queen's University Belfast, Belfast, UK. He has authored or co-authored over 82 journal papers, 138 conference papers, and 26 books/chapters.

He is a past Vice Chair of ACI Committee 552, Cementitious Grouting, and a member of ACI Committees 236, Material Science of Concrete; 237, Self-Consolidating Concrete; 238, Workability of Fresh Concrete; 241, Nanotechnology of Concrete; 552, Cementitious Grouting; and 564, 3-D Printing with Cementitious Materials, as well as ACI Task Group 236-TG1, Advanced Analysis Techniques for Concrete, and ACI Subcommittee 238-A, Student Workability. He is also a member of ASTM International Subcommittee C09.47, Self-Consolidating Concrete. His research interests include self-consolidating concrete, rheology of concrete, cementitious grouting, three-dimensional printing with cementitious materials, bio-based building materials, nanotechnology, fiber-reinforced polymers, and structural health monitoring of infrastructures.

He was awarded the Palmer Prize for best paper in Proceedings of the Institution of Civil Engineers – Structures and Buildings in 2017. He headed the Queen's University group that, with Bullivant Taranto Ltd., was named as the best Knowledge Transfer Partnership (KTP) in 2013 and was highly commended in the Engineering Excellence category. He was a finalist for Parliamentary Awards 2016 in the category of Innovation Leading to New Markets at Westminster (London, UK). In 2002, he was a member of the ACM Centre, University of Paisley, Paisley, Scotland, which as a partner in the Brite-Euram project on Self-Compacting Concrete was awarded a certificate by the Commission of the European Union as one of 10 finalist projects considered for the Descartes Prize.

He received his MEng in bridges, pavement, and structural buildings at EMI, Rabat, Morocco, in 1985; and his MSc in civil engineering and PhD from the University of Sherbrooke, Sherbrooke, QC, Canada, in 1992 and 1997, respectively.

Fellows



Kevin Wolf is the Director of Technical Services for CalPortland Cement Company in the Pacific Northwest and Canada, where he is responsible for managing the Technical Services and Quality Assurance lab for that region.

He has been an active member of ACI since 1987. He is a member of ACI Committee 301, Specifications for Structural Concrete, and a past member of ACI Committees 304, Measuring, Mixing, Transporting, and Placing Concrete; 332, Residential Concrete Work; and 522, Pervious Concrete.

Wolf received his technical education at Mt. Hood Community College in Gresham, OR, where he studied civil engineering technology and where the concrete industry caught his interest. After starting his career working at an independent testing lab for 2 years, he went to work for CalPortland. This began his 40-year tenure as a Cement and Concrete Technician, gleaning information from ACI journals and using all the opportunities at ACI meetings and at other professional venues to expand his knowledge of cement and concrete. His technical interests include cement and supplementary cementitious materials, hydration, and the advancement of concrete as the highly technical building material it is. He also continues to serve as a member of ASTM International Committees C01, Cement, and C09, Concrete and Concrete Aggregates, and is past Chair of the Technical Committee for the Oregon Concrete and Aggregate Producers Association.

Awards

ARTHUR R. ANDERSON MEDAL

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

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

“for his longtime and outstanding contribution to education, his advancement of research in concrete materials science and technology, and his distinct and passionate ability to take knowledge from research to practice”



W. Jason Weiss, FACI, is the Edwards Distinguished Chair in Engineering and the Director of the Kiewit Center for Infrastructure and Transportation Research at Oregon State University, Corvallis, OR. Before joining Oregon State University, he was a faculty member at Purdue University, West Lafayette, IN, for over 16 years, where he held the position of the Jack and Kay Hockema Professor of Civil Engineering. He is currently the Editor-in-Chief of the *ACI Materials Journal* and is the former Editor-in-Chief of the ASTM International journal *Advances in Civil Engineering Materials* and the RILEM journal *Materials and Structures*.

Weiss has authored over 425 publications, including over 225 peer-reviewed journal articles. He is a recipient of the NSF Career Award; the RILEM L’Hermite Medal; the 2004 ACI Walter P. Moore, Jr. Faculty Achievement Award; the 2007 ACI Young Member Award for Professional Achievement; the 2009 and 2014 Wason Medal for Materials Research; the 2018 ACI Foundation Robert E. Philleo Award; the ESCSI Erskine Award; the TRB Burgraff, AFN040 section award, and Mather Awards for outstanding research and publications; the ACPA Knutson Award; and the ASCE Huber Award. He has been the recipient of 10 teaching awards, including Purdue’s Potter Award for outstanding teaching in the College of Engineering and the Murphy Award for outstanding undergraduate teaching at the university level.

His research interests include cement and concrete materials, with focus on early-age property development, cracking, transport in concrete, and concrete durability. Specifically, he has examined shrinkage and cracking reduction methods, the use of the ring and dual-ring test, the use of electrical resistivity and the formation factor, the use of internally cured concrete, freezing-and-thawing and salt-related damage, and concrete pavement durability.

He received his BAE from the Pennsylvania State University, State College, PA, and his MS and PhD from Northwestern University, Evanston, IL, in 1997 and 1999, respectively.

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 being a tireless champion of concrete contractors and ‘enhancing the capabilities of those who build with concrete’”



The **American Society of Concrete Contractors (ASCC)** is a nonprofit organization dedicated to enhancing the capabilities of those who build with concrete and providing them a unified voice in the construction industry. Members include concrete contracting firms, general contractors, manufacturers, suppliers, designers, educators, and others interested in the concrete industry. There are over 750 member companies in the United States and abroad.

Membership in ASCC provides the tools to make informed, careful decisions. It connects you to a nationwide network of peers, professionals, and experts who will support you every step of the way. The credibility of a national organization, made up of the country’s leading concrete contractors, elevates you and your industry to a level of recognition and respect that will facilitate your growth in the years ahead.

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.

“in recognition of outstanding contributions to engineering education, insightful research to improve the performance of structural concrete systems, and dedicated service to ACI”



Robert J. Frosch, FACI, is a Professor of civil engineering and Senior Associate Dean of Facilities and Operations in the College of Engineering at Purdue University, West Lafayette, IN.

A Fellow of ACI, he has served on numerous ACI technical committees. He is a Trustee of the ACI Foundation, past member of the ACI Board of Direction, and past Chair of the ACI Financial Advisory Committee. He is currently Editor-in-Chief of the *ACI Structural Journal*, Chair of the ACI Board Committee on Codes and Standards Advocacy and Outreach, and a member of the ACI Technical Activities Committee and

ACI Committee 318, Structural Concrete Building Code. He is Chair of ACI Subcommittee 318-D, Members. For his significant contributions to the 2014 Building Code, he received the ACI Committee 318 Structural Concrete Building Code Distinguished Service Award.

His research, which focuses on the design and behavior of structural concrete, has resulted in changes to both the ACI Building Code and AASHTO Bridge Design Specifications. In addition, he has conducted pioneering work related to the use of alternate structural reinforcement such as glass and carbon fibers and developed new theories in fundamental areas of cracking, shear, and bond strength of concrete. His excellence in structural concrete research has been recognized by the ACI Foundation Concrete Research Council with the 2014 Arthur J. Boase Award.

Frosch received his BSE from Tulane University, New Orleans, LA, in 1991, and his MSE and PhD from the University of Texas at Austin, Austin, TX, in 1992 and 1996, respectively. After receiving his PhD, he worked with Modjeski and Masters Consulting Engineers on a variety of projects including the seismic retrofit of the San Mateo Bridge crossing the San Francisco Bay. He is a Fellow of the American Society of Civil Engineers (ASCE), a member of the Precast/Prestressed Concrete Institute (PCI), and a licensed professional engineer in Indiana and Louisiana.

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.

“in recognition of her exceptional contributions to advancing the mission and strategic objectives of the Institute through her dedicated leadership in education, certification, and operational committees, and her outstanding service as an inspirational ambassador to the concrete industry”



Frances T. Griffith, FACI, is the Associate Director of the Center for Training Transportation Professionals in the Department of Civil Engineering, University of Arkansas, Fayetteville, AR. She has served the Center for over 20 years.

Griffith is Chair of ACI Committee C610, Field Technician Certification, and Secretary of ACI Committee C620, Laboratory Technician Certification. She is a member of the ACI Chapter Activities Committee; Financial Advisory Committee; Membership Committee; and ACI Committees 130, Sustainability of Concrete, and E905, Training Programs.

She previously served on the ACI Board of Direction, the Certification Programs Committee, and the Educational Activities Committee, where she was Chair from 2014 to 2018. She is a Past President and current Board member of the Arkansas Chapter – ACI.

As a student, Griffith received the Peter D. Courtois Concrete Construction Scholarship and was named Student of the Year by the Mack Blackwell National Rural Transportation Center. She has been an active ACI member since 2005 and became a Fellow of ACI in 2014. She received the 2014 ACI Certification Award and the 2017 ACI Strategic Advancement Award.

She received her BS and MS in civil engineering from the University of Arkansas in 1998 and 2010, respectively.

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 outstanding contributions to analysis, design, and development of standards for anchors in reinforced concrete”



Donald F. Meinheit, FACI, is a retiree but still active as a Limited Part-Time Employee of Wiss, Janney, Elstner Associates, Inc. (WJE), where he has worked for the last 40 years. He has worked in the WJE Northbrook, IL, corporate office and is currently working out of the WJE Chicago, IL, office. In retirement, he has also taught structural engineering design to senior-level students at Purdue University, West Lafayette, IN.

Meinheit is a past Chair of ACI Committees 355, Anchorage to Concrete; 533, Precast Panels; and C680, Adhesive Anchor Installer Certification. He is a member of ACI Committees C681, Concrete Anchor Installation Inspector Certification; E710, ACI University Programs; E905, Training Programs; and SA03, Mete A. Sozen Award for Excellence in Structural Research; and Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures.

Meinheit has been a member of ACI for over 50 years. During that time, he has been awarded the 1986 ACI Construction Practice Award, the 2012 Delmar L. Bloem Distinguished Service Award, and the 2014 Education Activities Committee Speaker of the Year Award. He also received the 2010 Illinois Chapter – ACI Henry Crown Award.

Although he has spent most of his career as a consulting structural engineer, Meinheit has a strong interest in research, particularly in the areas of anchoring to concrete, lightweight concrete, shear friction, structural detaining in D-regions, and insulated concrete panels.

He received his BSCE from Purdue University in 1966; his MSCE from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1968; and his PhD from the University of Texas at Austin, Austin, TX, in 1977. He is a licensed structural engineer in Illinois and Nebraska and a licensed professional engineer in Texas, Illinois, Indiana, and Tennessee.

Awards

HENRY C. TURNER MEDAL

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

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

“for ‘advancing the concrete industry by degrees’ through its visionary program of identifying and supporting future leaders in the concrete industry”



Designed to provide graduates with a broad array of opportunities within the concrete industry, the **Concrete Industry Management (CIM)** program supplies the industry with future managers and leaders. CIM is a business-intensive program providing solid management skills that are applicable in any industry but developed specifically for the concrete industry.

CIM is a joint initiative of a growing number of universities supported by networks of local, state, and regional concrete industry producers, suppliers, and contractors that pledge their time, talent, and treasure to support the development of each university's CIM program.

Recognizing the need for people with enhanced technical, communication, and management skills, the CIM program was developed in 1996 at Middle Tennessee State University (MTSU). Since then, the program has expanded to the New Jersey Institute of Technology, California State University – Chico, and Texas State University. CIM program graduates have the skill set necessary to meet the growing demands of the progressively changing concrete industry. An Executive MBA in Concrete Industry Management is available at MTSU.

The program produces broadly educated, articulate graduates grounded in basic business management who are knowledgeable of concrete technology and techniques and can manage people and systems as well as promote products or services related to the concrete industry. It entails a broad range of courses from English and history to science and mathematics. A series of required business courses such as finance, marketing, management, and business law are also taken throughout the length of the program.

The concrete-specific courses teach the fundamentals of concrete, properties and testing, concrete construction, and more. All these courses provide much more than what is simply in the text. They emphasize problem-solving, quality assurance, and customer satisfaction while using practical case studies. An internship program ensures students obtain real-world experience essential to starting a successful career.

Awards

CHARLES S. WHITNEY MEDAL

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

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

“in recognition for its large-scale civil engineering research in systems, materials, and technologies, and for its long-time and consistent contribution to the economy and safety of buildings and infrastructure”



Purdue University’s **Robert L. and Terry L. Bowen Laboratory for Large-Scale Civil Engineering Research** is a high-tech, 66,000 ft² (6131 m²) facility that provides the space, equipment, and technical capability needed to investigate the behavior of large structural elements and systems subjected to loads representing extreme events, such as earthquakes, fires, blasts, and impact, so that future

structures can be designed to better withstand these extreme events.

Since its dedication in 2003, hundreds of research projects have been conducted at Bowen Laboratory, encompassing building design, bridge repair and retrofit, design of safety-related nuclear facilities, earthquake resilience design, trenchless technology, and geotechnical engineering.

Bowen Laboratory is staffed by more than 15 faculty and staff researchers. In addition to its aim of advancing the study of civil engineering, Bowen Laboratory also serves to train and educate its more than 50 graduate and undergraduate student researchers.

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”



Mauricio López, FACI, is an Associate Professor in the Department of Construction Engineering and Management at the Pontificia Universidad Católica de Chile, Santiago, Chile. He has led several research initiatives and graduated many undergrad and graduate students. He has been the co-author of more than 50 journal and conferences articles, and he has one patent granted and has applied for two others derived from his research.

He is Chair of ACI Committee 363, High-Strength Concrete, and Secretary of ACI Committee 213, Lightweight Aggregate and Concrete. Until 2019, he served on the Student and Young Professional Activities Committee. López is also a member of ACI Committees 209, Creep and Shrinkage in Concrete; 231, Properties of Concrete at Early Ages; 308, Curing Concrete; 564, 3-D Printing with Cementitious Materials; and S802, Teaching Methods and Educational Materials. He is a member of ASTM International.

In 2014, he was elevated to Fellow of ACI for his contributions to the Institute. In 2018, the Expanded Shale, Clay, and Slate Institute awarded him with the Frank G. Erskine Award for his outstanding contributions to the use of lightweight aggregate.

His research and professional interests include science and technology—specifically lightweight concrete, sustainable cement-based materials, high-performance concrete, long-term properties and durability, and extreme workability applications.

He received his BS and MS in civil engineering from the Pontificia Universidad Católica de Chile in 1997 and 1999, respectively, and his second MS in civil engineering and his doctorate from the School of Civil and Environmental Engineering at the Georgia Institute of Technology, Atlanta, GA, in 2004 and 2005, respectively. He is a licensed professional engineer in Chile.

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.

“in recognition of innovative research to improve the sustainability of concrete materials”



Maria Juenger, FACI, is a Professor in the Department of Civil, Architectural, and Environmental Engineering at the University of Texas at Austin, Austin, TX, where she has been since 2002.

She is an Editorial Board member of the *ACI Materials Journal* and currently serves on the ACI Board of Direction. She served as Chair of ACI Committee 236, Material Science of Concrete, from 2012 to 2018 and is also a current member of ACI Committees 231, Properties of Concrete at Early Ages, and 240, Pozzolans; and ACI Subcommittees 130-A, Materials, and 318-A, General, Concrete, and Construction. Past service to

ACI includes membership on the Publications and Membership Committees.

Juenger is also a Fellow of the American Ceramic Society, where she serves as the Trustee of the Cements Division. She is also active in RILEM and ASTM International technical committees.

Juenger received the 2009 Walter P. Moore, Jr. Faculty Achievement Award, the 2010 ACI Young Member Award for Professional Achievement, the 2011 Wason Medal for Materials Research, and the 2018 Delmar L. Bloem Distinguished Service Award. She became a Fellow of ACI in 2014.

Juenger’s work investigates chemical issues in cement-based materials, including phase formation in cement clinkering, hydration of portland cement and related systems, and chemical deterioration processes in concrete. Current research efforts emphasize the interaction of cement-based materials and the environment. This work encompasses the development and characterization of alternative cements and supplementary cementitious materials with lower carbon dioxide and energy footprints, as well as the capacity of cementitious materials to produce or remove airborne and waterborne pollutants.

Juenger received her BS in chemistry from Duke University, Durham, NC, and her PhD in materials science and engineering from Northwestern University, Evanston, IL.

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.

“in recognition of her visionary leadership in advancing ACI strategic goals, and for her impactful contribution in connecting ACI with other institutes and associations”



Anne M. Ellis, FACI, is the Executive Director of the Charles Pankow Foundation, McLean, VA.

She was ACI President in 2013-2014 and is currently Chair of the International Project Awards Committee. Ellis also serves on ACI Committee 375, Performance-Based Design of Concrete Buildings for Wind Loads, and the ACI Foundation Concrete Research Council. She formerly served on the ACI Executive Committee, Board of Direction, Financial Advisory Committee, Honors and Awards Committee, Marketing Committee, Membership Committee, ISO-TC 71 Advisory Committee, and the Standards Board. Additionally, she

is a past member of ACI Committees 332, Residential Concrete Work; 551, Tilt-Up Concrete Construction; and C650, Tilt-Up Constructor Certification. She moderates the ACI Innovation in Concrete Construction Webinar series on ACI University. She is a member of the National Institute of Building Sciences (NIBS), American Society of Civil Engineers (ASCE), and the Structural Engineering Institute (SEI).

Ellis received her BS in civil engineering in 1980 from Virginia Tech, Blacksburg, VA, and was inducted into the Virginia Tech Academy of Engineering Excellence in 2013 and the Via Department of Civil and Environmental Engineering Academy of Distinguished Alumni in 2007. In 2019, she was inducted into the National Academy of Construction. She has been a licensed professional engineer in the Commonwealth of Virginia since 1984.

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 leadership and service on ACI Certification committees, and dedication in developing, promoting, supporting, and delivering ACI Certification programs”



Mark A. Cheek, FACI, is Vice President of The Beta Group Engineering and Construction Services in Gretna, LA, where he has served for 20 years. Cheek has over 30 years of experience in the construction industry, including construction materials testing and inspection and geotechnical and civil engineering.

He has been an active ACI member since 1991 and was named a Fellow of ACI in 2006. Cheek serves on the ACI Board of Direction and is past Chair of ACI Committee C620, Laboratory Technician Certification, as well as a member of ACI Committees 214, Evaluation of Results of Tests Used to Determine the Strength of

Concrete; 228, Nondestructive Testing of Concrete; and C610, Field Technician Certification; and ACI Subcommittee C610-FQR, Field Testing Technician Grade I Quality Reviewers. He previously served on the ACI Certification Programs Committee; Chapter Activities Committee; Convention Committee; Membership Committee; Honors and Awards Committee; International Project Awards Committee; and ACI Committee E702, Designing Concrete Structures.

Cheek received the 2011 ACI Chapter Activities Award. He has been a member of the Louisiana Chapter – ACI since 1989, serving on the Board and as President in 2001. He has also been on the chapter’s Certification Committee since 1989 and currently serves as the committee’s Chief Examiner. He received the Louisiana Chapter’s Chapter Activities Award in 2005 and the Distinguished Chapter Member Award in 2012. Also, Cheek was Co-Chair of the 2005 and 2009 ACI Conventions in New Orleans, LA. He is a member of ASTM International Committee C09, Concrete and Concrete Aggregates; the American Society of Civil Engineers (ASCE); and the Concrete and Aggregate Association of Louisiana (CAAL). Cheek is Chair of CAAL’s Technical Committee. He is also an Examiner for the National Ready Mixed Concrete Association (NRMCA) Pervious Concrete Contractor Certification program and an approved NRMCA Plant Inspecting Engineer. He conducts training programs for both ACI and NRMCA throughout Louisiana and Mississippi.

Awards

“for outstanding service on ACI Certification committees, and dedication in improving, promoting, supporting, and delivering ACI Certification programs”



J. Mitchell Englestead, FACI, is the Technical Services Manager at American Eagle Ready Mix, Las Vegas, NV. He started in the ready mixed industry in 1984 and has been in technical services since 1989.

Englestead is Chair of ACI Committee C620, Laboratory Technician Certification, and is a member of ACI Committees 304, Measuring, Mixing, Transporting, and Placing Concrete; C610, Field Technician Certification; and C670, Masonry Technician Certification. He was also a member of the Certification Programs Committee from 2010 to 2016. In addition, he serves as a Quality Reviewer for both ACI Committees

C610 and C620.

For the last 6 years, he has served as a presenter for the ACI Concrete Field Testing Technician – Grade I at World of Concrete. He has been an active member of the Las Vegas Chapter – ACI since 1994 and served as the Las Vegas Chapter – ACI President in 2000. He is currently serving the Las Vegas Chapter – ACI as the Chair for the Certification Committee.

He has been a Fellow of ACI since 2015 and was the recipient of the 2010 ACI Chapter Activities Award.

His research interests include aggregate-particle shape gradations in high-performance/high-strength concrete.

Awards

“for outstanding service on ACI Certification committees, and commitment to improving, promoting, supporting, and delivering ACI Certification programs”



Janet Owens White is the Chief of the Engineering and Laboratory Services Division in the Bureau of Reclamation's Technical Service Center in Denver, CO, recently promoted from Manager of the Concrete and Structural Laboratory Group.

White has been a strong advocate for ACI Certification for 27 years. She began her involvement with ACI Certification as a proctor for the ACI Concrete Field Testing Technician – Grade I Certification program in 1992 and became an Examiner for the program in 1998. She then continued on to become the Engineer of Record for the Colorado Ready Mixed Concrete

Association (CRMCA) until 2012. White is currently an Examiner for eight ACI Certification programs, including Aggregate Testing Technician – Levels 1 and 2, Concrete Construction Special Inspector, Concrete Field Testing Technician – Grade I, Concrete Flatwork Finisher and Technician, Concrete Laboratory Testing Technician – Level 2, Concrete Strength Testing Technician, and Concrete Transportation Construction Inspector. She has served as the Examiner for 123 sessions since 2007. In addition, she was a member of ACI Committee C630, Construction Inspector Certification, from 2012 to 2016. She also served on the ACI Certification Programs Committee for 3 years, from 2013 to 2016. White was President of CRMCA from 2001 to 2002, where she promoted ACI Certification throughout the concrete industry in the state of Colorado.

She continued to be involved in certification throughout this year and instructed the Concrete Flatwork Finishing Certification Programs for CRMCA. In collaboration with CRMCA, she also established the Concrete Construction Special Inspector course within the Bureau of Reclamation.

In 1992, she received her BS in civil engineering from the University of Colorado Boulder, Boulder, CO. She is a licensed professional engineer in Colorado.

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 education of students related to the behavior of concrete; the organization of student activities; and endless promotion of ACI Chapter activities, membership, and development of new student Chapters in México”



Francisco D. Anguiano Perez is an Associate Professor in the Faculty of Civil Engineering at the Universidad Autónoma de Nuevo León (UANL), Nuevo León, Mexico, where he has been teaching topics related to construction materials and concrete technology since 2011. He also worked as the Academic Coordinator of the Concrete Technology Department in the Instituto de Ingeniería Civil of the UANL from 2011 to 2013.

He was elected Certifications Director of the Northeast Mexico Chapter – ACI from 2012 to 2018, greatly increasing the number and coverage of certifications for the chapter in Mexico. Since 2018, he has served as the Student Chapters Director for the Northeast Mexico Chapter – ACI, promoting the creation of student chapters at several universities in Mexico, as well as contributing to student mentorship.

He is an Examiner for seven ACI Certification programs, as well as an Independent Examiner of the National Competences System sponsored by CONOCER (Mexico). He was a member of the ACI Membership and Student and Young Professional Activities Committees from 2013 to 2018.

Nationwide in Mexico, he has been promoting ACI’s activities and benefits in several universities, companies, and associations, such as professional societies, through conferences, workshops, certifications, and courses regarding topics such as concrete technology, concrete and construction materials testing, high-performance concrete mixture design and control, self-consolidating concrete, and glass waste as a supplementary cementitious material for concrete, among others.

Anguiano Perez received his BS in civil engineering in 2011 and his MSc in construction materials in 2015 from UANL.

Awards

“for notable contributions to the development of construction chemical aids and systems to improve reinforced concrete performance and for outstanding service advancing the ACI strategic plan at the chapter, national, and international level with a focus on mentoring students”



Sourabh Surendra Manjrekar is Director at SUNANDA Specialty Coatings Pvt. Ltd. and has worked at SUNANDA for 10 years. At SUNANDA, his specific focus is on developing sustainable solutions for large industrial and infrastructure projects, besides overseeing the company’s global operations from its Dubai, United Arab Emirates, office.

He is a member of the ACI International Advisory Committee; the International Project Awards Committee; the Student and Young Professional Activities Committee; and ACI Committees 222, Corrosion of Metals in Concrete; 345, Bridge

Construction and Preservation; 364, Rehabilitation; Codes and Standards Advocacy and Outreach; and S801-TG1, Regional Student Competitions Task Group.

Manjrekar is a moderator for the International Session at the Spring 2020 ACI Concrete Convention in Rosemont, IL, and was selected to be part of the ACI delegation at the Emerging Leaders Alliance Conference held in Washington, DC, November 4-7, 2018.

He currently serves as Hon. Secretary and Treasurer of the India Chapter – ACI. He is actively involved with the chapter’s activities and is a Supplemental Examiner for the ACI Concrete Field Testing Technician certification course.

He is an expert on corrosion mitigation in steel and concrete structures and is regularly featured as a keynote speaker by apex industrial bodies such as the Confederation of Indian Industry (CII). He has delivered over 60 lectures in more than 20 countries as part of his technical knowledge dissemination efforts. His papers on sustainability, corrosion mitigation, and soil stabilization have been published in reputed national and international journals. His company’s projects under his leadership received the Innovator of the Year – Construction Chemicals Awards in 2012, 2013, and 2015 from the Department of Chemicals and Petrochemicals Government of India and Federation of Indian Chambers of Commerce and Industry (FICCI).

Manjrekar received his BS from Illinois Institute of Technology, Chicago, IL, and his MBA from S.P. Jain Institute of Management and Research, Mumbai, India.

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.

“Presentation of a field test method and model to predict formwork ‘pressure decay signature’ for self-consolidating concrete.”

(“Formwork Pressure Model for Self-Consolidating Concrete Using Pressure Decay” published in the May/June 2018 issue of the *ACI Materials Journal*.)



Daniel I. Castaneda is an Assistant Professor in the Department of Engineering at James Madison University, Harrisonburg, VA. Castaneda is a member of ACI Committees 123, Research and Current Developments; 236, Material Science of Concrete; and S802, Teaching Methods and Educational Materials. He is also an active member of the American Society of Civil Engineers (ASCE). His research interests include field instrumentation, material science of concrete, and engineering education. He received his BS from the University of California, Berkeley, Berkeley, CA, in 2008, and his MSCE and PhD from the University of Illinois at

Urbana-Champaign, Urbana, IL, in 2011 and 2016, respectively.

Awards



Jacob D. Henschen is an Assistant Professor in the Department of Civil and Environmental Engineering at Valparaiso University, Valparaiso, IN. He has served in this position for 5 years.

Henschen is the Secretary of ACI Committee 123, Research and Current Developments. He is also a member of ACI Committees 236, Material Science of Concrete; 444, Structural Health Monitoring and Instrumentation; 555, Concrete with Recycled Materials; 564, 3-D Printing with Cementitious Materials; and S802, Teaching Methods and Educational Materials. He is also a member of the American Society of Civil

Engineers (ASCE). His research interests include concrete with recycled materials, additive manufacturing with cementitious materials, and pedagogical methods related to concrete.

He received his BS, MS, and PhD in civil and environmental engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 2007, 2009, and 2018, respectively.



David A. Lange, FACI, is Professor of civil and environmental engineering at the University of Illinois at Urbana-Champaign, Urbana, IL. He joined the faculty of the Department of Civil and Environmental Engineering in 1992. Lange served as Associate Department Head for Civil and Environmental Engineering at the University of Illinois at Urbana-Champaign from 2004 to 2010. He was Director of the Center of Excellence for Airport Technology for 15 years and developed an effective partnership with the Chicago Department of Aviation and the O'Hare International Airport. Lange is a Fellow of the American Ceramic Society, and he received a

J. William Fulbright Scholar Award in 2013.

A long-time ACI member, Lange served as ACI President from 2018-2019 and continues service on the ACI Executive Committee and ACI Board of Direction. His past positions include Chair of the ACI Technical Activities Committee, the Publications Committee, and the Board Outlook 2030 Task Group. He currently is a member of ACI Committees 236, Material Science of Concrete; 237, Self-Consolidating Concrete; 241, Nanotechnology of Concrete; and 544, Fiber Reinforced Concrete. Lange received the 2003 and 2018 Wason Medal for Most Meritorious Paper.

Lange received his BSCE from Valparaiso University, Valparaiso, IN; his MBA from Wichita State University, Wichita, KS; and his PhD from Northwestern University, Evanston, IL, in 1981, 1984, and 1991, respectively.

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.

“Develop recommendations directed at ways that design and construction teams can improve the constructability of embeds.”

*(“Constructability of Embedded Steel Plates in Cast-in-Place Concrete,” *Concrete International*, September 2018, pp. 28-34.)*



ACI member **James Klinger** is a Technical Representative for the Conco Companies, based in the San Francisco, CA, area. He has worked in concrete construction since 1979 and has authored or co-authored seven technical papers and reports.

Klinger is a member of ACI Committee 134, Concrete Constructability; Joint ACI-ASCC Committee 117, Tolerances; and ACI Subcommittees 117-L, Laser Scanning, and 318-A, General, Concrete, and Construction.

He is a member of the American Society of Civil Engineers (ASCE) and serves on the Technical Committee of the American Society of Concrete Contractors (ASCC). His research interests include structural concrete building construction, forensic engineering, and construction defect investigations.

He received his BA in government and politics (prelaw) in 1979 and his MS in structural engineering in 1988 from the University of Maryland, College Park, MD.



Tim Manherz is the Senior Vice President of Operations at TAS Commercial Concrete Construction, with headquarters in Houston, TX. He has been involved in the concrete industry for 28 years.

Manherz is a member of ACI Committees 302, Construction of Concrete Floors; 330, Concrete Parking Lots and Site Paving; and 360, Design of Slabs on Ground; and Joint ACI-ASCC Committee 117, Tolerances.

He received his BS in construction from Arizona State University, Tempe, AZ, in 1992.

Awards



Frank P. Salzano is Director of Quality Control at Ceco Concrete Construction. Ceco has been in business for over 100 years. Ceco performs concrete construction work throughout the United States. Salzano has been in the concrete construction industry for over 35 years.

Salzano is Co-Chair of Joint ACI-ASCC Subcommittee 117-L, Laser Scanning; and a member of Joint ACI-ASCC Committee 117, Tolerances. He is also a member of the ASCC Technical Committee and the Post-Tensioning Institute. He has co-authored other articles on topics including vertical concrete placement, concrete constructability, and specifying broom finish.

He received his BS in civil engineering from Virginia Tech, Blacksburg, VA, in 1983, and his MS in construction management from Catholic University, Washington, DC, in 1991. He is a licensed professional engineer in Virginia, Maryland, and the District of Columbia.



Bruce A. Suprenant is the Technical Director at the American Society of Concrete Contractors (ASCC), St. Louis, MO. He has authored or co-authored more than 40 technical papers in ACI publications.

Suprenant is Vice-Chair of Joint ACI-ASCC Committee 117, Tolerances; a member of ACI Committee 302, Construction of Concrete Floors; and a past member of the ACI Technical Activities Committee (TAC) and past Chair of the TAC Construction Standards Committee (TCSC). He received the 2010 Roger H. Corbetta Contractor Award, the 2011 ACI Construction Award with Ward R. Malisch for “Effect of Post-Tensioning on Tolerances,” and the 2013 ACI Certification Award.

He received his BS in construction from Bradley University, Peoria, IL, in 1974; his MS in structural engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1975, and his PhD in civil engineering from Montana State University, Bozeman, MT, in 1983. He is a licensed professional engineer in California and Florida.

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.

“A study of the dielectric response of a real-time embedded sensor and the correlation to setting time and strength/hydration development of concrete mixtures with a range of reactivity.”

(“Dielectric Response of Concrete: Hardening and Hydration Development” published in the November/December 2018 issue of the *ACI Materials Journal*.)



Mohamed T. Bassuoni is a Professor in the Department of Civil Engineering at the University of Manitoba, Winnipeg, MB, Canada. He has authored and co-authored more than 95 technical papers/reports, two edited ACI Special Publications, and a registered patent.

Bassuoni is a member of ACI Committee 201, Durability of Concrete, and Chair of Task Group 201-TG2, Physical Salt Attack. He is also a member of ACI Committees 236, Material Science of Concrete; 237, Self-Consolidating Concrete; and 241, Nanotechnology of Concrete. He is a member of ASTM Committees C01, Cement, and C09, Concrete and Concrete Aggregates,

and is an associate member of Canadian Standards Association (CSA) Committee A23.1/A23.2, Concrete Materials/Test Methods and Standard for Concrete. His research interests include the design and behavior of cementitious materials/composites, durability of concrete infrastructure under chemical and physical damage mechanisms, and applications of nanotechnology in concrete.

He received his BSc and MSc in construction engineering from The American University in Cairo, Egypt, in 1999 and 2003, respectively, and his PhD in civil engineering from the University of Western Ontario, London, ON, Canada, in 2008. He is a licensed professional engineer in the province of Manitoba, Canada.

Awards



Mohammad Tiznobaik is a Lecturer in the School of Engineering at The University of British Columbia, Kelowna, BC, Canada. Prior to this, he was a Postdoctoral Research Fellow in the School of Engineering at The University of British Columbia.

A member of ACI, Tiznobaik has vast experience in design and construction engineering, working in large-scale projects, and has 23 years of industrial and academic experience. His research interests include behavior and curing of concrete pavements, design and behavior of cementitious materials, and durability of concrete infrastructure under chemical and physical

damage mechanisms.

Tiznobaik was the recipient of the University of Manitoba Graduate Fellowship award in 2015-2018 and the Gordon P. Osler Graduate Scholarship in 2015 at the University of Manitoba.

Tiznobaik received his BS in civil engineering from Shahid Chamran University, Ahvaz, Iran, in 1996; and his MS in structural engineering and his PhD in concrete materials from the University of Manitoba, Winnipeg, MB, Canada, in 2014 and 2018, respectively. He is a licensed professional engineer in British Columbia, Canada.

Awards

METE A. SOZEN AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

The **Mete A. Sozen 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.

“An experimental program to assess the lateral displacement deformability of slab-column edge connections reinforced with GFRP reinforcement.”

(“Lateral Displacement Deformability of GFRP-RC Slab-Column Edge Connections”, SP-327-52, November 2018, pp. 52.1-52.20.)



Mohammed Galal El-Gendy is a Structural EIT at Tetra Tech Canada Inc., Winnipeg, MB, Canada, and a PhD Candidate in the Department of Civil Engineering at the University of Manitoba, Winnipeg, MB, Canada. He received his BSc in civil engineering from Assiut University, Assiut, Egypt, in 2009, and his MSc in structural engineering from the University of Manitoba in 2015. He is a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI). His research interests include the design, construction, and large-scale testing of prestressed and reinforced concrete structures using steel and fiber-

reinforced polymer (FRP) reinforcement.

Awards



Ehab El-Salakawy is a Professor of structural engineering in the Department of Civil Engineering at the University of Manitoba, Winnipeg, MB, Canada. He has authored or co-authored over 275 technical papers and reports.

El-Salakawy is a member of ACI Committee 440, Fiber-Reinforced Polymer Reinforcement, and ACI Subcommittee 440-H, FRP-Reinforced Concrete. He is a past member of Joint ACI-ASCE Subcommittee 445-C, Shear & Torsion-Punching Shear. He is also a member of the American Society of Civil Engineers (ASCE) and the Canadian Precast/Prestressed Concrete Institute (CPCI).

He serves as an Associate Editor of the ASCE *Journal of Composites for Construction*. His research interests include durability, design, modeling, large-scale laboratory testing, and rehabilitation of reinforced concrete structures using fiber-reinforced polymer reinforcement.

He received his BSc and MSc in civil engineering from Menoufyia University, Egypt, in 1989 and 1993, respectively, and his PhD in structural engineering from Menoufyia University and the University of Waterloo, Waterloo, ON, Canada, in 1998. He is a licensed professional engineer in the provinces of Ontario and Manitoba in Canada.

Awards

ACI DESIGN AWARD

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

“The design of a 16-story office tower showcasing a unique lateral force-resisting system of a diagonalized, exposed concrete exoskeleton.”

(“Naked Concrete,” *Concrete International*, March 2018, pp. 36-41.)



Jennifer Greenawalt is a Senior Engineer at Thornton Tomasetti in Washington, DC. She has been working as a Structural Engineer with the firm since 2015. Her experience includes analysis and design of new and renovation of existing concrete and steel structures in the Washington, DC, metro area. Greenawalt is a member of the American Society of Civil Engineers (ASCE).

She received her BS and MS in civil engineering with a focus in structures from The Pennsylvania State University, University Park, PA, in 2015. She is a licensed professional engineer in Maryland and a licensed structural engineer in Illinois.

Awards



Zachary Kates is a Principal in Thornton Tomasetti's Austin, TX, office. He joined the firm in 1998 and currently specializes in structural forensics. His new building and renovation design experience is an effective foundation for his work in structural investigations, third-party peer reviews, and litigation support of construction claims.

Kates received his bachelor's degree in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, and his master's degree in civil engineering from the University of Texas at Austin, Austin, TX. He is a licensed professional engineer in numerous states.



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.

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

He 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, a role in which he has served as a first responder to several building collapses since joining in 1997.

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 211, Proportioning Concrete Mixtures”



Timothy S. Folks, FACI, has served as the Manager of Technical Services for Hawaiian Cement, Aiea, HI, for 18 years and has worked with cementitious materials for 39 years.

Folks has been a member of ACI since 1990 and was elected as a Fellow of ACI in 2015. He is Chair of ACI Committee 211, Proportioning Concrete Mixtures, and is past Chair and Secretary of ACI Committee 524, Plastering. He is a member of the ACI Technical Activities Committee and ACI Committees 212, Chemical Admixtures, and 229, Controlled Low-Strength Materials; and ACI Subcommittees 211-A, Proportioning-Editorial; 211-E, Proportioning-Evaluation; 211-F, Proportioning-Submittal; 211-I, Appendix 1-Assessing Aggregate Gradation; 211-M, Aggregate Packing Model; 211-N, Proportioning with Ground Limestone and Mineral Fillers; 211-P, Guide for Selecting Proportions for Pumpable Concrete; and 211-TG2, Developing & Using a Three Point Curve. He has been a member of ASTM International since 1990, serving on Committees C09, Concrete and Concrete Aggregates; C11, Gypsum and Related Building Materials and Systems; and C12, Mortars and Grouts for Unit Masonry. Folks is the 2020 Vice Chair of the Cement and Concrete Products Industry of Hawaii (CCPI—the local ACI certification sponsoring organization) and Chair of its technical committee.

His research interests include cementitious and concrete materials. He received a patent for “Interground White Blended Cement” in 2000.

Folks received his BS in chemical engineering from the University of Southern California, Los Angeles, CA, in 1980.

Awards

“for outstanding leadership of Committee 562, Evaluation, Repair, and Rehabilitation of Concrete Buildings”



Keith Kesner, FACI, is a Senior Project Manager with CVM Professional, King of Prussia, PA. He has authored or co-authored over 125 technical papers and presentations on a variety of engineering topics.

Kesner is a past Chair and current member of ACI Committee 562, Evaluation, Repair, and Rehabilitation of Concrete Buildings, as well as a member of ACI Committees 228, Nondestructive Testing of Concrete, and 364, Rehabilitation; and ACI Subcommittee 318-C, Safety, Serviceability, and Analysis. He is a member of the American Society of Civil Engineers (ASCE).

He received the 1998 ACI Construction Award and the 2005 ACI Young Member Award for Professional Achievement. He was named a Fellow of ACI in 2007.

His research interests include nondestructive testing and development of methods for evaluation and repair of existing structures.

Kesner received his BSE in civil and environmental engineering from the University of Connecticut, Storrs, CT, in 1992, and his MS and PhD in civil and environmental engineering from Cornell University, Ithaca, NY, in 1998 and 2003, respectively. He is a licensed professional engineer in several states and a licensed structural engineer in Massachusetts, Illinois, and Hawaii.

Awards

“for outstanding leadership of Committee 421 - Design of Reinforced Concrete Slabs—Joint ACI-ASCE”



Mustafa Mahamid, FACI, is a Clinical Associate Professor in the Department of Civil and Material Engineering at the University of Illinois at Chicago (UIC), Chicago, IL. He has also authored or co-authored numerous technical papers, design guides, book chapters, reports, and books.

Mustafa is Chair of Joint ACI-ASCE Committee 421, Design of Reinforced Concrete Slabs, and a member of ACI Committees 314, Simplified Design of Concrete Buildings; 435, Deflection of Concrete Building Structures; S802, Teaching Methods and Educational Materials; and S803, Faculty Network Coordinating Committee; as well as Joint ACI-ASCE Committees 352, Joints and Connections in Monolithic Concrete Structures, and 441, Reinforced Concrete Columns; and the TAC Subcommittee on ACI/ASCE-SEI Joint Committees.

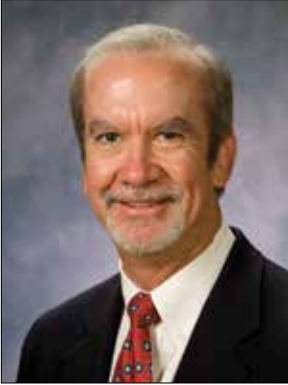
Mahamid is a Fellow of the American Society of Civil Engineers (ASCE) and the Structural Engineering Institute (SEI).

His research interests include joints and connections, earthquake-resistant design, and fire engineering.

He received his BSc in civil engineering from The Eastern Mediterranean University, North Cyprus, Turkey, in 1999; his MSc in civil engineering from Bradley University, Peoria, IL, in 2001; and his PhD in civil engineering from the University of Wisconsin – Milwaukee, Milwaukee, WI, in 2001. He is a licensed professional engineer in Wisconsin, Michigan, California, and Washington, as well as the provinces of Newfoundland and Labrador in Canada, and he is a licensed structural engineer in Illinois.

Awards

“for outstanding leadership of Committee 122 - Energy Efficiency of Concrete and Masonry Systems—Joint ACI-TMS”



Jeffrey F. Speck, FACI, is General Manager – Marketing and Technical Sales at Arcosa Lightweight, Arlington, TX. He has been in sales and marketing positions in the lightweight aggregate industry for 31 years.

Speck is Chair of ACI Committee 213, Lightweight Aggregate and Concrete, and is immediate past 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 a Fellow of ACI 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 in civil engineering in 1974 and his MS in civil engineering in 1975, both from Michigan State University, East Lansing, MI.

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 continuous effort with promoting ACI’s training program for practicing engineers and companies engaged in the design of fiber-reinforced polymer”



Hakim Bouadi is a Principal and Senior Project Manager within the Diagnostic group of Walter P Moore in Houston, TX, with more than 20 years of experience. In addition, he serves as an expert witness, providing professional opinion and testimony in litigation matters that involve various aspects of structures and structural failures.

Bouadi is Chair of ACI Subcommittee 440-E, FRP-Prof Education, and a member of ACI Committee 440, Fiber-Reinforced Polymer Reinforcement; Joint ACI-ASCE Committee 445, Shear and Torsion; ACI Subcommittee 440-F, FRP-Repair-Strengthening; and Joint ACI-ASCE Subcommittee 445-A, Shear & Torsion-Strut & Tie.

Bouadi’s expertise includes new design as well as evaluating, assessing, and designing repairs for distress related to steel and concrete structures and their façades. Currently, he focuses on developing rehabilitation and hardening procedures that improve the life of the existing built environment.

Bouadi received his BS in civil engineering from École Nationale Polytechnique, El Harrach, Algeria, and his MS and doctorate in civil engineering from the University of Texas at Austin, Austin, TX. He is a licensed professional engineer in multiple states.

Awards

CHAPTER ACTIVITIES AWARD

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

“for outstanding effort and dedication to the health, well-being, and advancement of the Florida First Coast ACI Chapter and Northeast Florida’s unique use of concrete materials in design”



Mark J. Keister joined H.W. Keister Associates, Inc., in 1986 as a Consulting Structural Engineer, which later became Atlantic Engineering Services of Jacksonville (AES). He is currently a Principal there. Previously, he worked as a Consulting Structural Engineer in Atlanta, GA, for Bennett & Pless, Inc., and Philip I. Levine, Engineers, Inc.

Keister has a broad spectrum of experience in all building construction materials with an emphasis on cast-in-place concrete structures, post-tensioned concrete structures, and precast structures. He has extensive experience in concrete repair and restoration and has worked on numerous projects in Florida’s two oldest cities, St. Augustine and Key West. Keister is licensed in 16 states and is a Special Inspector of Threshold Buildings in the State of Florida. He has been active in the Florida First Coast Chapter – ACI since 1986 and is on the Board, having been President of the chapter numerous times. The Florida First Coast Chapter – ACI presents awards to significant concrete structures yearly, and Keister has been a judge for many years. He is also active in the Florida Structural Engineers Association (FSEA) Northeast Florida Chapter and has served as President numerous times. Keister is also on the FSEA Structural Engineering Emergency Response (SEER) Committee.

Keister is a member of the Florida Engineering Society, which in 2001 awarded him Engineer of the Year for Northeast Florida. He has served on several municipal boards, including the Jacksonville Historic Preservation Commission and the City of Jacksonville Building Inspection Division Advisory Committee, and he is currently on the City of Jacksonville Construction Trades Qualifying Board.

He received his BSE from Duke University, Durham, NC, in 1981, where he was President of the American Society of Civil Engineers (ASCE) student chapter, and he received his MSCE from the Georgia Institute of Technology, Atlanta, GA. He has been a member of ASCE and ACI since college.

Awards

“for outstanding contribution to the success and spread of civil engineering knowledge with a focus on structural repair technology, enabling and encouraging engineering students, and leadership in promoting ACI Chapter activities in the Indian subcontinent”



Pankaj Subhash Shah, BE (Civil), MACI (USA), MIE, MICI, MISSE, Chartered Engineer, Structural Engineer, and Certified Senior Professional Engineer by the Engineering Council of India, lives in Mumbai, India. He is Past President of the India Chapter – ACI (ICACI).

Shah received his bachelor’s degree in civil engineering from the University of Mumbai, Mumbai, India, in 1982. He is the owner of consultancy firm S.P. Consulting Engineers Pvt. Ltd., which has specialized in repairs of structures and redevelopment of buildings in Mumbai for the last 37 years. He pioneered the concept of engineering consultancy in the Housing Society sector in the highly populous city of Mumbai.

He is an active Examiner and contributes his time for training for ACI Certification courses in India. He has served on all Organizing Committees of ICACI’s seminars and conferences, offering strategic insights that raise the chapter’s visibility and sets a firm financial foundation. His inputs have made ICACI a chapter with very sound financials.

A firm believer in the power of education, Shah encourages young professionals to build careers in civil engineering or entrepreneurship. He devotes time to helping build school infrastructure for underprivileged children in Mumbai.

Awards

“for extraordinary commitment, dedication, and leadership of the Georgia Chapter – ACI, and ongoing and very successful promotion of certification programs”



Wayne M. Wilson, FACI, is a Senior Technical Service Engineer with LafargeHolcim, where he is responsible for cementitious materials marketing and quality assurance and technical support for portland cement, slag cement, and fly ash sales in the southern United States. He has 35 years of experience in the construction materials testing, analysis, and inspection field.

He has been Certification Chair of the Georgia Chapter – ACI since 2008 and served as Past President in 2007 and 2017. He received the Distinguished Member Award in 2009 and is an integral part of the chapter’s day-to-day operations. He was named a Fellow of ACI and awarded the 2018 ACI Certification Award. He is Chair of ACI Committee C670, Masonry Technician Certification, and Secretary of ACI Committee C631, Concrete Transportation Construction Inspector Certification. He is a member of ACI Committees 230, Soil Cement; 231, Properties of Concrete at Early Ages; C601, New Certification Programs; C610, Field Technician Certification; and C630, Construction Inspector Certification; and ACI Subcommittee C601-F, Nondestructive Testing Technician.

He is an experienced concrete petrographer and has investigated concrete- and cement-related performance problems throughout the world. He is an active concrete industry educational presenter, offering sessions on cementitious materials, sulfate balance, admixture interaction, masonry basics, concrete troubleshooting, concrete petrography, masonry troubleshooting, cracking and concrete performance, and concrete testing and inspection. He has also authored and co-authored numerous technical papers on related topics.

Wilson received his BS in civil engineering technology from the Southern Polytechnic State University, Marietta, GA, in 1987. He is a licensed professional engineer in Georgia, Alabama, North Carolina, and South Carolina, and he is a member of ASTM International and the American Society of Civil Engineers (ASCE).

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 ways of developing students’ critical thinking and professional skills to maximize their potential as future civil engineers”



Benjamin Z. Dymond is an Assistant Professor in the Department of Civil Engineering at the University of Minnesota Duluth (UMD), Duluth, MN, where he has served as a faculty member for 4 years. He has over 10 publications and presentations related to innovation in the teaching of structural engineering. Dymond is also the founding and current Director of the Resilient Precast Certificate Program at UMD, which is a program that combines traditional concrete engineering skills with cutting-edge knowledge related to resilience and business management.

Dymond received the ACI Foundation President’s Fellowship in 2012. He is Secretary of ACI Committee S802, Teaching Methods and Educational Materials, and a member of ACI Committees 123, Research and Current Developments, and 342, Evaluation of Concrete Bridges and Bridge Elements; and Joint ACI-ASCE Committees 343, Concrete Bridge Design, and 423, Prestressed Concrete. Dymond also volunteered for the new Grad Student Travel Stipend Contest subcommittee associated with ACI Committee S805, Collegiate Concrete Council – CLGE. He recently co-edited a Special Publication series titled “Advanced Analysis and Testing Methods for Concrete Bridge Evaluation and Design” that was cosponsored by ACI Committee 342 and Joint ACI-ASCE Committee 343. He is also a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI).

He teaches structural engineering analysis and design courses including reinforced concrete, prestressed concrete, and applications of management in precast concrete. His research interests include novel engineering instructional methods, analysis of post-installed corrosion-resistant anchorage systems, shear in prestressed concrete members, and in-place bridge load distribution and rating.

Dymond received his BS and MS in civil engineering from Virginia Tech, Blacksburg, VA, in 2006 and 2007, respectively, and his PhD in civil engineering from the University of Minnesota, Minneapolis, MN, in 2015.

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.

“for outstanding contributions made in the field of structural concrete and in recognition of work leading to the advancement of concrete modeling procedures and their application within nonlinear analysis software.”



Frank J. Vecchio, F.A.C.I., is Professor and Bahen/Tanenbaum Chair in Civil Engineering in the Department of Civil and Mineral Engineering at the University of Toronto, Toronto, ON, Canada. He has been on the faculty since 1985.

Vecchio is a recipient of the 1998 Mete A. Sozen Award for Excellence in Structural Research Award, the 1999 ACI Design Award, the 2011 Wason Medal for Most Meritorious Paper, and the 2016 Joe W. Kelly Award. In 2000, he was elected a Fellow of ACI. He is a past member of ACI Committee 435, Deflection of Concrete Building Structures, and a current member of

Joint ACI-ASCE Committees 441, Reinforced Concrete Columns, and 447, Finite Element Analysis of Reinforced Concrete Structures.

His research interests include the development of improved analysis procedures for reinforced concrete structures, particularly for those that are shear-sensitive. Recent activities include the development of improved constitutive models and nonlinear finite element procedures; application to the assessment and forensic analysis of concrete structures; and analysis of damaged, repaired, or rehabilitated structures. Additional interests include the modeling and assessment of fiber-reinforced concrete structures; structures rehabilitated with fiber-reinforced polymers; and structures subjected to extreme loads including blast, impact, fire, and earthquake. He is the author of over 100 technical papers in these areas.

Vecchio received his B.A.Sc., M.Eng., and doctorate degree from the University of Toronto in 1978, 1979, and 1981, respectively. Prior to joining the faculty at the University of Toronto, he was employed as a Research Engineer at Ontario Hydro (1981-1985).

He is a licensed professional engineer in Ontario, Canada, and is a member of the Canadian Society of Civil Engineers (CSCE).

ACI Foundation Awards

“for outstanding contributions to earthquake-resistant design of tall reinforced concrete buildings that utilize shear walls as the primary lateral force-resisting elements and commitment to educating young structural engineers.”



John W. Wallace, FACI, FASCE, Professor of Civil Engineering at the University of California, Los Angeles, CA, is an internationally recognized expert on the seismic behavior of reinforced concrete structures. His research contributions focus on assessing the behavior of structures subjected to earthquake loading, laboratory and field testing of structural components and systems, developing and validating models for structural analysis and design, and applying sensors and sensor networks to measure structural responses and interactions.

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 ACI Subcommittee 318-H, Seismic Provisions. Wallace is active as a consultant and peer reviewer on high-profile performance-based design projects for seismic retrofit of existing buildings and seismic design of tall buildings. He has actively participated in updates to ASCE 41 and ACI 318, as well as the PEER Tall Buildings Initiative and Los Angeles Tall Buildings Structural Design Council Guidelines.

He received his BS in civil engineering from the University of Vermont, Burlington, VT, and his MS and PhD in civil engineering from the University of California, Berkeley, Berkeley, CA. He is a licensed professional engineer in New York.

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.

“for outstanding contributions to research, teaching, innovation, and leadership targeting the advancement of high-performance concrete with adapted rheology and self-consolidating concrete (SCC), and the relentless pursuit of knowledge transfer regarding the science, performance, design, and testing standards of SCC.”



Kamal H. Khayat, FACI, is the Vernon and Maralee Jones Professor of civil engineering at Missouri University of Science and Technology (Missouri S&T), Rolla, MO. Between 1990 and 2011, he was Professor of civil engineering at the Université de Sherbrooke, Sherbrooke, QC, Canada. He is the Director of the Center for Infrastructure Engineering Studies at Missouri S&T and Director of the Tier-1 University Transportation Center for Research on Concrete Applications for Sustainable Transportation (RE-CAST).

He is past Chair and Secretary of ACI Committee 237, Self-Consolidating Concrete, and is Chair of ACI

Subcommittee 237-TG2, Form Pressure Exerted by SCC. He is a member of the ACI Technical Activities Committee; the Editorial Board of the *ACI Materials Journal*; and ACI Committees 234, Silica Fume in Concrete; 236, Material Science of Concrete; 238, Workability of Fresh Concrete; 347, Formwork for Concrete; 552, Cementitious Grouting; and 564, 3-D Printing with Cementitious Materials. He was the recipient of the 2018 Wason Medal for Most Meritorious Paper, the 2017 ACI Foundation Jean-Claude Roumain Innovation in Concrete Award, and the 2015 Arthur R. Anderson Medal. He is Fellow of the International Union Reunion of Laboratories and Experts in Construction Materials, Systems, and Structures (RILEM) and a member of the Transportation Research Board (TRB).

Khayat has conducted pioneer work in the field of rheology and self-consolidating concrete. Other research interests include high-performance concrete with adapted rheology, underwater concrete, fiber-reinforced concrete, ultra-high-performance concrete, and grouting. He has authored and co-authored over 450 technical papers and was recently listed by Elsevier among the 150 most cited people in civil engineering in the world.

He received his BS in civil engineering in 1982; his MEng in construction engineering and management in 1984; his MS in structural engineering in 1985; and his PhD in civil engineering in 1989 from the University of California, Berkeley, Berkeley, CA.

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 107 possible points. Those chapters receiving 75 or more points are deemed to have achieved a ranking of “excellent.” Those receiving a minimum of 59 points up to a maximum of 74 points are accorded “outstanding” status.

Excellent Chapters 2019

Arizona Chapter
Arkansas Chapter
Carolinas Chapter
Central & Southern Mexico Chapter
Central Texas Chapter
Concrete Industry Board of New York City Chapter
Eastern Pennsylvania & Delaware Chapter
Georgia Chapter
Greater Miami Valley Chapter
Guatemala Chapter
Illinois Chapter
India Chapter
Indiana Chapter
Intermountain Chapter
Kansas Chapter

Louisiana Chapter
Maryland Chapter
Missouri Chapter
National Capital Chapter
Nebraska Chapter
New Jersey Chapter
New Mexico Chapter
Northeast Mexico Chapter
Northwest Mexico Chapter
Philippines Chapter
Quebec and Eastern Ontario Chapter
San Antonio Chapter
San Diego Intl Chapter
Saudi Arabia Chapter
Singapore Chapter
Southern California Chapter

Outstanding Chapters 2019

Alberta Chapter
Central Ohio Chapter
Egypt Chapter
Greater Michigan Chapter
Houston Chapter
Las Vegas Chapter
Minnesota Concrete Council Chapter

Northern California & Western Nevada
Chapter
Ontario Chapter
Pittsburgh Area Chapter
Rocky Mountain Chapter
Virginia Chapter
Washington Chapter

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.

2019 Excellent University Award

Arizona State University (USA)

Auburn University (USA)

Dalhousie University (Canada)

Escuela Superior Politécnica del Litoral
(Ecuador)

Facultad de Estudios Superiores Aragon,
UNAM (Mexico)

Kansas State University (USA)

Instituto Politécnico Nacional (Mexico)

Missouri University of Science and Technology
(USA)

New Jersey Institute of Technology (USA)

Oklahoma State University (USA)

Pontificia Universidad Católica del Perú (Peru)

San Jose State University (USA)

Universidad Autónoma de Chiapas (Mexico)

Universidad Autónoma de Coahuila (Mexico)

Universidad Autónoma de Nuevo León (Mexico)

Universidad Autónoma de San Luis Potosi
(Mexico)

Universidad de Cuenca (Ecuador)

Universidad de San Carlos de Guatemala,
Ingeniería

Universidad de San Carlos de Guatemala,
CUNOC

Universidad de Sonora (Mexico)

University of Delaware (USA)

Universidad Galileo (Guatemala)

Universidad Mariano Gálvez, Arquitectura
(Guatemala)

Universidad Mariano Gálvez, Ingeniería,
Quetzaltenango (Guatemala)

Universidad Michoacana de San Nicolás de
Hidalgo (Mexico)

Universidad Nacional de Ingeniería (Peru)

Universidad Rafael Landívar, Quetzaltenango
(Guatemala)

Universidad Rafael Landívar, Campus Central
(Guatemala)

Universidad San Francisco de Quito (Ecuador)

University of Houston – Downtown (USA)

University of Illinois at Urbana-Champaign (USA)

University of Nevada Las Vegas (USA)

University of Maryland - College Park (USA)

University of Miami, CAE (USA)

University of North Carolina at Charlotte (USA)

University of the Philippines Diliman

Université de Sherbrooke (Canada)

The University of Texas at Austin (USA)

The University of Toledo (USA)

West Pomeranian University of Technology,
Szczecin (Poland)

Awards

2019 Outstanding University Award

Arab Academy for Science, Technology and
Maritime Transport (Egypt)

Bannariamman Institute of Technology (India)

British Columbia Institute of Technology
(Canada)

Escuela Colombiana de Ingeniería Julio
Garavito (Colombia)

Facultad de Arquitectura Unidad Saltillo
Campus Arteaga UAdeC (Mexico)

Facultad de Ingeniería de la Universidad
Autónoma de Guerrero (Mexico)

Illinois State University (USA)

Instituto Tecnológico de Iztapalapa (Mexico)

Instituto Tecnológico de La Paz (Mexico)

Instituto Tecnológico de Sonora (Mexico)

Kongu Engineering College (India)

Instituto Tecnológico Superior de Acayucan
(Mexico)

Nandha Engineering College, Autonomous
(India)

NED University of Engineering and Technology
(Pakistan)

The Pennsylvania State University (USA)

PSG Institute of Technology and Applied
Research (India)

Rose-Hulman Institute of Technology (USA)

San Luis Gonzaga de Ica (Peru)

Tanta University (Egypt)

Tecnológico Nacional de México / Instituto
Tecnológico de Cd. Victoria

Texas State University (USA)

Tishk International University (Iraq)

Universidad Católica de Santiago de Guayaquil
(Ecuador)

Universidad Autónoma de Aguascalientes
(Mexico)

Universidad Autónoma del Estado de México
(Mexico)

Universidad Autónoma del Noreste, ARQ
(Mexico)

Universidad Autónoma de Yucatán (Mexico)

Universidad Autónoma Metropolitana Unidad
Azcapotzalco (Mexico)

Universidad Católica Santo Toribio de
Mogrovejo (Peru)

Universidad Continental (Peru)

Universidad Da Vinci de Guatemala, Ingeniería

Universidad Da Vinci de Guatemala,
Arquitectura

Universidad Mariano Gálvez, Jutiapa
(Guatemala)

Awards

Universidad Mariano Gálvez, Central Campus (Guatemala)

Universidad Mariano Gálvez, Arquitectura, Huehuetenango (Guatemala)

Universidad Mariano Gálvez, Arquitectura, Quetzaltenango (Guatemala)

Universidad Mariano Gálvez, Ingeniería, Huehuetenango (Guatemala)

Universidad Mesoamericana Quetzaltenango (Guatemala)

Universidad Nacional de San Antonio Abad del Cusco (Peru)

Universidad Nacional de San Agustín (Peru)

Universidad Nacional de Trujillo (Peru)

Universidad Nacional Mayor de San Marcos (Peru)

Universidad Peruana del Centro (Peru)

Universidad Peruana de Ciencias Aplicadas (Peru)

Universidad Privada del Norte (Peru)

Universidad Ricardo Palma (Peru)

Universidad San Carlos de Guatemala, Arquitectura

Universidad San Ignacio de Loyola (Peru)

Universidad Tecnológica del Perú

University of Asia Pacific (Bangladesh)

University of Balamand (Lebanon)

University of Florida (USA)

University of Georgia (USA)

University of Louisiana Lafayette (USA)

University of Minnesota Duluth (USA)

University of Victoria (Canada)

University of Wisconsin – Platteville (USA)

Yarmouk University (Jordan)

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 Rachel Belcher at aci.awards@concrete.org.

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