



2018 Awards Program

March 25 • Little America • Salt Lake City, UT

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2018 Listing of Awardees

The following individuals will be receiving awards at the ACI 2018 Salt Lake City convention.

HONORARY MEMBERSHIP

Florian G. Barth	Frank A. Kozeliski
James Robert Harris	Surendra Keshav Manjrekar
William G. Hime (posthumously)	Edward K. Rice

50-YEAR MEMBERSHIP

Jose R. Alejandro	Harvey H. Haynes	Peeter Mannik
Bob Barnett	Roger S. Johnston	Urhan A. Mesen
James R. Cagley	Richard W. Kistner	Shunsuke Otani
Michael P. Collins	Frank A. Kozeliski	Max L. Porter
James E. (Jim) Cook	David Lanning	Franz N. Rad
Bernard Erlin	John M. Looney	Harold R. Sandberg
Anthony E. Fiorato	Rene Luft	Luke M. Snell
M. Nadim Hassoun	Harendra Mahendra	Peter Lee-Kien Yu

FELLOWS

Luis Alvarez-Valencia	Steve Lloyd	David Nau
Oscar R. Antommattei	José Lozano Y Ruy Sanchez	Narayanan Neithalath
Dale P. Bentz	Allyn C. Luke	Chris Pantelides
Omar-Darío Cardona A.	Mark Lukkarila	Eric Stephen Peterson
Walter H. Flood IV	Mohamed Mahgoub	Henry B. Prenger
Arturo Gaytan-Covarrubias	Michael A. Mahoney	Pedro Nel Quiroga
Donna G. Halstead	Kirk McDonald	Aleksandra Radlińska
Danielle D. Kleinans	Hector R. Monzon-Despang	Wayne M. Wilson

ARTHUR R. ANDERSON MEDAL

David W. Fowler

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

Chris Plue

JOE W. KELLY AWARD

Antonio Nanni

HENRY L. KENNEDY AWARD

Rolf Pawski

HENRY C. TURNER MEDAL

John T. Wolsiefer and Tony Kojundic

CHARLES S. WHITNEY MEDAL

Roberto Stark

CEDRIC WILLSON LIGHTWEIGHT AGGREGATE CONCRETE AWARD

Karl F. Meyer

2018 Listing of Awardees

CONCRETE SUSTAINABILITY AWARD

Martha G. VanGeem

STRATEGIC ADVANCEMENT AWARD

Michael J. Paul

ACI CERTIFICATION AWARD

Thomas L. Rozsits • Genaro L. Salinas • Wayne M. Wilson

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

Amir Bonakdar • Dimitri Feys • J. Bret Robertson

WASON MEDAL FOR MOST MERITORIOUS PAPER

N. J. (John) Gardner • Lloyd Keller • Kamal H. Khayat • David A. Lange • Ahmed Omran

ACI CONSTRUCTION AWARD

Brian P. Cresenzi

WASON MEDAL FOR MATERIALS RESEARCH

Hocine Siad • Mohamed Lachemi • Mustafa Şahmaran • Khandaker M. Anwar Hossain

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

Giorgio Talotti Proestos • Gwang-Min Bae • Jae-Yeol Cho • Evan C. Bentz •
Michael P. Collins

ACI DESIGN AWARD

Luis E. García • Mete A. Sozen • Anthony Fiorato • Luis E. Yamín • Juan F. Correal

DELMAR L. BLOEM DISTINGUISHED SERVICE AWARD

Julie K. Buffenbarger • Maria Juenger • Carin Roberts-Wollmann • Thomas Van Dam

ACI EDUCATION AWARD

William D. Palmer Jr. • William E. Rushing Jr.

CHAPTER ACTIVITIES AWARD

Tim Cost • John E. Ellis II • Arturo Gaytan-Covarrubias • William J. Lyons III

WALTER P. MOORE, JR. FACULTY ACHIEVEMENT AWARD

Matthew D. Lovell

ACI FOUNDATION AWARDS

ARTHUR J. BOASE AWARD

Conrad Paulson

ROBERT E. PHILLEO AWARD

Jason Weiss

JEAN-CLAUDE ROUMAIN INNOVATION IN CONCRETE AWARD

Michael M. Sprinkel

CHAPTER AWARDS—CITATIONS OF EXCELLENCE **ACI AWARD FOR UNIVERSITY STUDENT ACTIVITIES**

Honorary Members

*Honorary membership—
The Institute’s highest honor
recognizes persons “of
eminence in the field of the
Institute’s interest, or one
who has performed
extraordinary meritorious
service to the Institute.”
(Bylaws, Article II, Section 2.)
Established in 1926, 249 have
been elected to this position.*

Honorary Members

“for outstanding leadership, vision, and guidance of the Institute while serving as President; for outreach and collaborations which led to a unified and holistic positioning of concrete in the sustainability arena; and for pioneering work and technical contributions to ACI 318 and in the field of prestressed concrete”



Florian G. Barth, FACI, is a retired concrete expert with over 35 years of experience and is the Founder and former CEO of FBA, Inc., Hayward, CA, a structural engineering firm specializing in prestressed concrete structures. Barth was co-owner of RJS Concrete, one of the largest concrete construction companies in the San Francisco Bay Area.

Barth is a Past President of ACI (2009-2010), and past Chair and past Secretary of ACI Committee 224, Cracking. He is a member of the ACI International Partnerships Committee; ACI Committee 130, Sustainability of Concrete; and Joint ACI-ASCE

Committee 423, Prestressed Concrete. Barth previously served on ACI Committee 318, Structural Concrete Building Code; the Technical Activities Committee; Responsibility in Concrete Construction Committee; Financial Advisory Committee; Marketing Committee; and the ACI Board of Direction (2000-2008). He is Past President and former Director of the Northern California and Western Nevada Chapter – ACI (1993-1997).

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

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

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

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

Honorary Members

“for visionary leadership in the development of codes and standards for the design of safe and reliable buildings and for dedicated service to the structural engineering profession”



James Robert (Jim) Harris, FACI, is a Principal at J.R. Harris & Company, a consulting structural engineering firm in Denver, CO, that he founded in 1984. Prior to that he was employed at other engineering firms in Denver and at the National Bureau of Standards (now the National Institute of Standards and Technology) in Gaithersburg, MD.

He has served on ACI Committee 318, Structural Concrete Building Code; and ACI Subcommittees 318-C, Safety, Serviceability, and Analysis; 318-H, Seismic Provisions; and 318-G, Precast and Prestressed Concrete, since 1989. Harris has also served on the ACI Board of

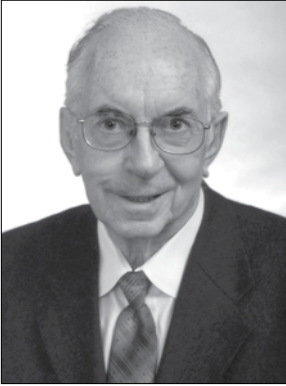
Direction, the Fellows Nominating Committee, the Financial Advisory Committee, and ACI Committees 132, Responsibility in Concrete Construction, and 133, Disaster Reconnaissance. He participated as an instructor for many ACI training courses, mostly dealing with changes to ACI 318. Harris received the 2015 ACI Alfred E. Lindau award. He is a Fellow of the American Society of Civil Engineers (ASCE), where he has long served on the committee that prepares the standard ASCE/SEI 7, Minimum Design Loads and Associated Criteria for Buildings and Other Structures.

His professional practice spans design of new structures, design of repairs and rehabilitation of existing structures, investigation of failures, and applied research. His research interests include earthquake engineering, snow loads, foundations on expansive soils, and the structure of standards for engineering.

Harris received his BS in civil engineering from the University of Colorado Boulder, Boulder, CO, in 1968, and his MS and PhD in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1975 and 1980, respectively. He is a licensed professional engineer in Colorado and a licensed structural engineer in California.

Honorary Members

“for contributions to the cement and concrete industries through the development and integration of chemical evaluations and testing procedures to characterize the material properties of concrete and improve the durability and sustainability of concrete structures”



William G. Hime, FACI, was a nationally recognized expert in the chemistry, properties, and analysis of cement, mortar, and concrete. Prior to his passing in June 2017, he served as Project Manager for hundreds of investigations of distressed concrete caused by alkali-silica reactions, sulfide attack, freezing-and-thawing action, and delayed ettringite formation (DEF). His expertise also extended to corrosion of steel; safety issues, such as chemical burns; and research, troubleshooting, and failure analyses, where he investigated failures of numerous structures made with gypsum, including floors, grouts, plasters, and stuccos.

Hime developed several analytical procedures that are presently used to solve problems in concrete construction, including methods for cement and chloride contents of concrete and for mixer efficiency. Many of these procedures have been adopted by ASTM International.

In 1984, Hime joined Wiss Janney Elstner through the acquisition of Erlin Hime Associates (EHA), now known as the WJE Materials Science and Engineering Group, where he served as a principal of the company.

In 1971, Hime left the Portland Cement Association (PCA) to become a Co-Founder with Bernie Erlin of EHA, specializing in chemical and petrographic analyses of concrete and other materials of construction and serving clients such as owners, architects, engineers, and governmental agencies. Prior to founding EHA, Hime served as a Research Chemist, head of the analytical laboratories, and Manager of Chemical and Petrographic Research for PCA's Research and Development Laboratories from 1951 to 1971. He took a 1-year leave to serve as a chemistry professor for Louisiana Tech University.

Hime wrote over 60 papers on cement and concrete research, analytical chemistry, corrosion, cement burns, and gypsum systems. He was a member and Fellow of ASTM International, receiving its 1997 Award of Merit. He was also an Honorary Member of ASTM Committees C01, Cement, and C09, Concrete and Concrete Aggregates, and a member of several subcommittees. He served as Chair of the Chemical Analysis Subcommittee of C01 for 10 years.

Hime served in offices of the American Chemical Society (ACS). He also participated in committee work of the National Association of Corrosion Engineers (NACE) and was also a member of The Masonry Society (TMS).

He received his BS in chemistry and mathematics from Heidelberg College, Tiffin, OH, in 1948 and in 1951, studied analytical chemistry at Northwestern University, Evanston, IL.

Honorary Members

“for outstanding contributions to ACI and the concrete industry; for lifetime achievements, which include pioneering and innovative work in pervious concrete and numerous improvements of ready-mixed concrete; and for the inspirational celebration of the science and art of concrete”



Frank A. Kozeliski, F.A.C.I., was the Materials Engineer and Owner of Gallup Sand and Gravel Co., Gallup, NM, a family-owned ready mixed concrete company until it was sold in 2007. Currently, he is involved in the promotion of concrete through his seminars on street paving, concrete parking lots, and insulated concrete forms.

Kozeliski presents ACI Troubleshooting Concrete Construction Seminars throughout the United States. Most recently his materials were translated into Spanish and presented in a seminar in Peru and Costa Rica. He does ACI Technician Certification in New Mexico and Honduras. In 1992, Kozeliski was elected an ACI Fellow. He has received

numerous awards including the 2005 ACI Chapter Activities Award, 2009 ACI Delmar L. Bloem Distinguished Service Award, and 2011 ACI Henry C. Turner Medal, and has been recognized for lifetime achievement for the promotion of concrete by the National Ready Mixed Concrete Association (NRMCA). Kozeliski also was chosen as a delegate by the People to People Ambassador Program to lecture in China, Russia, and South Africa. He became an ACI member in 1968 and will mark 50 years as a member in 2018. He originally became active in ACI because there were few members from the “wild” west.

Kozeliski previously served on the Educational Activities Committee. He is a member of ACI Committees 211, Proportioning Concrete Mixtures; 229, Controlled Low-Strength Materials; 305, Hot Weather Concreting; 308, Curing Concrete; 330, Concrete Parking Lots and Site Paving; 522, Pervious Concrete; 552, Cementitious Grouting; 555, Concrete with Recycled Materials; and S801, Student Activities. He is Past President of the New Mexico Chapter – ACI.

His research and development interests include the use of alternate materials to make concrete, such as crushed glass, shredded rubber, sludge pucky, and paper. He has used a redesigned open graded base using smaller rock and cement to make pervious concrete, creating items such as cups, business cards, coasters, and bowls.

Kozeliski received his BS in civil engineering in 1967 and his master’s degree in 1969 from New Mexico State University, Las Cruces, NM, where he is an Honorary Member of the Academy of Civil Engineering.

He is a member of the American Society of Civil Engineers (ASCE), the National Society of Professional Engineers (NSPE), ASTM International, NRMCA, and Chi Epsilon, the National Civil Engineering Honor Society. Kozeliski is a licensed professional engineer in New Mexico, Texas, and Alabama.

Honorary Members

“for energetic efforts to foster ACI and the tireless promotion of certification to practicing engineers in India, and outstanding contributions to ACI international outreach activities”



Surendra Keshav Manjrekar, FACI, is the Founder and CEO of M/s. Sunanda Speciality Coatings Pvt. Ltd., a recognized leader in the manufacture of construction chemicals in India. The company was organized in 1980.

He joined ACI in 1987 and became a Fellow of the Institute in 2000. Manjrekar conducts and teaches ACI certification field testing courses in India. He was invited by the Malaysia Chapter – ACI to provide an overview of ACI’s new strategic plan for international outreach, also presenting the overview to neighboring countries. Manjrekar has been very active in the India Chapter – ACI where he served as President for several years

(1998-2001, 2001-2003, and 2005-2008).

He has published more than 200 papers in various national and international journals and is a guest editor of the *Construction and Building Materials Journal*, *Cement and Concrete Research Journal*, and *Revista ALCONPAT*. He is a member of ASTM International, and the National Corrosion Mission in India, which was formed by the Federation of Indian Chambers of Commerce and Industry, Ministry of Chemicals and Petrochemicals, Government of India, and NACE India.

Manjrekar has made more than 100 keynote presentations throughout the United Kingdom, United States, Malaysia, Oman, Dubai, Sharjah, Kuwait, Romania, and Hong Kong on topics including concrete, corrosion prevention, dampproofing, repairs, and nano materials. He also made presentations at the Pittsburgh (2010) and Denver (2015) ACI conventions.

He is Chair of the R.N. Raikar International Conference “Advances in Concrete and Technology” held biennially in India. Manjrekar has participated in numerous conferences and workshops. He was an invited guest at the ISO/TC 71 joint ACI, ANSI, and ISO meeting, March 2008, San Francisco, CA, and the ACI International Summit, July 2012, ACI Headquarters to assist in expanding ACI’s international activities.

He is the signatory to the National Skill Development Corporation, an initiative of the Ministry of Chemicals and Petrochemicals Sector Skills Council (C&PSSC), Government of India. C&PSSC works to develop standards and manpower skills for the chemicals and petrochemicals sector.

In March 2017, Manjrekar received the Industry Doyen award by the Construction Industry Development Council (CIDC) Government of India, the highest recognition of the construction industry in India.

Manjrekar received his PhD from Bombay University, Bombay, Maharashtra, India, in 1977.

Honorary Members

“for outstanding lifelong contributions in the advancement of concrete and cement technology and particularly shrinkage-compensating cements”



Edward K. Rice, FACI, began his career at the University of California, Los Angeles (UCLA), Los Angeles, CA, in 1951, when he joined the Engineering Faculty as a Lecturer in Engineering. In 1957, he left UCLA to co-found the engineering firm of T.Y. Lin and Associates, where he was President for 17 years. Rice founded CTS Manufacturing Company and was Chairman for 42 years.

His career has been characterized by passion for construction, creativity, and concrete technology, and an ongoing pursuit of solutions to human problems in a technological society. Rice worked with Alexander Klein in the development of Type K cement. He holds 27 patents in cement and concrete technology. He is the inventor of the single-strand post-tensioning system, which is in worldwide use today. Rice was the developer of the Los Angeles World Trade Center, and a partner in downtown Plaza Associates, developers of eight blocks in downtown Sacramento, CA.

He is a member of ACI Committees 223, Shrinkage-Compensating Concrete, and 524, Plastering. Rice has been an ACI member for more than 65 years and became a Fellow of the Institute in 1997. He is also a Fellow in the American Society of Civil Engineers (ASCE).

Rice has received many awards including the 1987 UC Berkeley Distinguished Engineering Alumnus, induction to the Post-Tensioning Institute Hall of Fame in 2005, the 2002 UCLA Engineering Service Award, and the 2013 UCLA Lifetime Contribution Award. In 2013, he was named an honorary member to ASTM International Committee C01, Cement.

He served on the UC Berkeley Engineering Advisory Board from 2003 to 2008 and the UCLA School of Engineering Advisory Board since 1990.

Rice received his BS and MS in civil engineering from the University of California, Berkeley, Berkeley, CA, in 1949 and 1951, respectively.

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.



Bob Barnett



James R. Cagley



Michael P. Collins



James E. (Jim) Cook



Bernard Erlin



Anthony E. Fiorato



Harvey H. Haynes



Roger S. Johnston



Frank A. Kozeliski

50-Year Membership Citations



David Lanning



Peeter Mannik



Shunsuke Otani



Max L. Porter



Franz N. Rad



Luke M. Snell



Peter Lee-Kien Yu

NOT PICTURED:
Jose R. Alejandro
M. Nadim Hassoun

Richard W. Kistner
John M. Looney
Rene Luft

Harendra Mahendra
Harold R. Sandberg
Urhan A. Mesen

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

Fellows



Luis Alvarez-Valencia is a Civil Engineer from Universidad de San Carlos de Guatemala, Guatemala City, Guatemala, where his studies focused on concrete, concrete pavements, and industrialized housing. He previously served as General Director of the Instituto del Cemento y del Concreto de Guatemala (ICCG). During his professional career, he has worked as a builder, inspector, and general manager of aggregate and concrete companies.

Alvarez-Valencia has presented at many national and international conferences related to various topics within the concrete industry, especially focused on compliance with standards and technical specifications. He is a member of ACI, Vice President of the Guatemala Chapter – ACI, member and Secretary of Interamerican Federation of Cement (FICEM), member of ASTM International, and member and Vice President of Latin American Association of Quality Control and Pathology (ALCONPAT). Alvarez-Valencia is Past Vice President of the Iberoamerican Federation of Ready Mixed Concrete (FIHP). He is also a member of the Guatemala National Council of Normalization (COGUANOR), where he promotes standardization of construction materials in Guatemala.

Alvarez-Valencia is very active in developing training programs focused on concrete technology for civil engineering and architecture students. He promotes establishing ACI student chapters at universities in Guatemala; 15 student chapters currently exist in Guatemala that develop training activities and competitions. Alvarez-Valencia also promotes ACI certification programs in Guatemala, where there are currently more than 500 certified technicians. Six ACI certification programs have been developed in conjunction with Guatemala local sponsoring groups and ICCG. He received the 2014 ACI Chapter Activities Award.



Oscar R. Antommattei is a Senior Concrete Engineer with Kiewit Corporation, Englewood, CO, where he manages the Materials Division. He provides technical services on concrete materials, production, and construction, promoting the use of concrete best practices. Prior to joining Kiewit, he worked for a world-recognized concrete producer, a general contractor, and a leading engineering firm managing projects in the United States, Canada, Mexico, and Puerto Rico.

Antommattei has over 15 years of experience in concrete materials, engineering, and construction. His work is focused on mega-projects, with emphasis on optimization of concrete mixtures, value engineering, constructability and quality reviews, preparation of thermal control plans, analyses of service life and durability, troubleshooting of concrete production and/or construction, and forensics.

Fellows

Antommattei is Chair of ACI Committee 305, Hot Weather Concreting; Secretary of ACI Subcommittee 308-A, Curing-Guide; and a member of the ACI Convention Committee; ACI Construction Liaison Committee; and ACI Committees 207, Mass and Thermally Controlled Concrete; 231, Properties of Concrete at Early Ages; and 308, Curing Concrete; and ACI Subcommittee 301-H, Mass Concrete - Section 8. He previously served as Director of the Central Texas Chapter – ACI and is currently a member of the Rocky Mountain Chapter – ACI. Antommattei serves on technical committees of ASTM International, the American Society of Civil Engineers (ASCE), the Canadian Standards Association (CSA), and the American Society of Concrete Contractors (ASCC).

He has co-authored papers about concrete maturity, mass concrete, and architectural green concrete. In 2009, the ASCE Texas Section recognized his work on architectural green concrete.

Antommattei received his BS in civil engineering from the University of Puerto Rico at Mayagüez, Puerto Rico, in 2002, and his MS in civil engineering from Clemson University, Clemson, SC, in 2005. He is a licensed professional engineer in Texas and Nebraska.



Dale P. Bentz is a Chemical Engineer in the Materials and Structural Systems Division of the Engineering Laboratory at the National Institute of Standards and Technology (NIST) with 33 years of service. He has authored or co-authored over 350 technical papers and reports while at NIST.

He is a member of ACI Committees 231, Properties of Concrete at Early Ages; 232, Fly Ash in Concrete; 308, Curing Concrete; and 546, Repair of Concrete; and ACI Subcommittee 211-N, Proportioning with Ground Limestone and Mineral Fillers.

Bentz received the 2007 ACI Wason Medal for Materials Research and the 2015 ACI Cedric Willson Lightweight Aggregate Concrete Award. He is also an Honorary Member of ASTM International Committee C01, Cement, and a member of ASTM International Committees C09, Concrete and Concrete Aggregates, and E37, Thermal Measurements.

His research interests include relating microstructure to performance for building materials, sustainable concrete materials, and additive manufacturing (three-dimensional [3-D] printing) of concrete.

Bentz received his BS in chemical engineering from the University of Maryland, College Park, MD, in 1984; his MS in computer and information science from Hood College, Frederick, MD, in 1991; and his MA in teaching from Mount Saint Mary's University, Emmitsburg, MD, in 2013.

Fellows



Omar-Darío Cardona A. is an Associate Professor at the Institute of Environmental Studies and of the Engineering and Architecture Faculty at the National University of Colombia, Manizales, Colombia, and Chief Executive Officer of Ingeniar: Risk Intelligence Ltd., Bogotá, Colombia.

He is member of ACI Committees 118, Use of Digital Technology, and 314, Simplified Design of Concrete Buildings. Cardona A. is also past President of the Colombian Association for Earthquake Engineering (1991 to 2005), which has published special publications with ACI. He has been on the

Board of Directors of the International Association of Earthquake Engineering (IAEE) since 2014 and he received the 2004 United Nations Sasakawa Disaster Risk Reduction Award. Cardona A. has authored or co-authored over 230 technical papers and reports.

His research interests include seismic vulnerability and retrofitting of concrete structures, structural risk-based design, and seismic risk assessment of buildings and infrastructure.

Cardona A. received his BS in civil engineering from the National University of Colombia in 1980, and his PhD in civil engineering from the Technical University of Catalonia, Barcelona, Spain, in 2001.



Walter H. Flood IV is an Assistant Engineer and Project Manager at his family's testing and inspection business in Chicago, IL.

He has been Chair of ACI Committee S801, Student Activities, since 2011. He is a member of the ACI Chapter Activities Committee and ACI Committees 302, Construction of Concrete Floors; 327, Roller-Compacted Concrete Pavements; 363, High-Strength Concrete; and 522, Pervious Concrete. He was awarded the 2014 ACI Young Member Award for Professional Achievement. Flood is Chair of ASTM

International Subcommittee C09.49, Pervious Concrete, and is active on several other ASTM International committees. He is also a member of the American Society of Civil Engineers (ASCE).

His research interests include high-strength/high-modulus concrete properties, the impact of fast-paced construction schedules on the long-term behavior of concrete high-rise structures, and testing of roller-compacted and pervious concrete. He has been a speaker on high-strength concrete, pervious concrete, and maturity monitoring at the national and local level for ACI and other groups. Flood often participates at World of Concrete, educating attendees about pervious concrete. He is also continuing his quest to develop the perfect student concrete competition.

Flood received his BS in civil engineering from Rose-Hulman Institute of Technology, Terre Haute, IN, in 2003, and currently sits on its Board of Advisors. He received his MS

Fellows

in geotechnical engineering from the University of Colorado at Boulder, Boulder, CO, in 2005. He is a licensed professional engineer in Indiana and is working towards comity licensure in several other states.



Arturo Gaytan-Covarrubias has been the Certification and Sustainability Manager at CEMEX México, Mexico City, Mexico, for 14 years. He is also Treasurer of the Mexican Ready-Mix Concrete Association, Liaison Director of the Northwest Mexico Chapter – ACI, Past President of the Central and Southern Mexico Chapter – ACI, and Founder and President of the Mexican Institute for Sustainable Concrete.

Gaytan-Covarrubias is member of the ACI Educational Activities Committee, International Certification Committee, Personal Awards Committee, and a member of ACI Committees

121, Quality Assurance Systems for Concrete; and 130, Sustainability of Concrete; and ACI Subcommittee 130-D, Rating Systems/Sustainability Tools. He received the 2012 ACI Young Member Award for Professional Achievement and the 2011 International Electrotechnical Commission (IEC) Young Professional Award. He is also a member of ASTM International.

Gaytan-Covarrubias received his BS in civil engineering from National Autonomous University of Mexico (UNAM), Mexico City, Mexico, in 2002 and his ME in quality and productivity from Monterrey Technology Institute, Monterrey, Mexico, in 2009.



Donna G. Halstead is the Managing Director of Finance and Administration at the American Concrete Institute, Farmington Hills, MI. She serves also as Treasurer for the ACI Foundation and Advancing Organizational Excellence (AOE), formerly Creative Association Management (CAM). Halstead was previously ACI's Controller and is currently the Staff Liaison for the Financial Advisory Committee and the ACI Foundation Scholarship Council.

She has been Treasurer for the Council of Engineering and Scientific Society Executives (CESSE) since 2012. Halstead previously served as Chair of the CESSE Finance and Human Resource section from 2006 to 2009. She is a past Board member of the Concrete Industry Management Program Steering Committee (2010 to 2012). She has been a speaker at numerous CESSE annual meetings, ACI chapter roundtables, and International Concrete Repair Institute (ICRI) chapter meetings.

Halstead received her BS in business administration with a dual major in accounting and finance, from Central Michigan University, Mt. Pleasant, MI, in 1989, and her MBA from Wayne State University, Detroit, MI, in 2000.

Fellows



Danielle D. Kleinhans is President and CEO of the Concrete Reinforcing Steel Institute (CRSI), Schaumburg, IL. In 2011, she began at CRSI as a staff structural/bridge engineer before assuming the Managing Director role of the Epoxy Interest Group (EIG) in 2016. She has 15 years of experience in structural engineering and bridge design, as well as 6 years of trade association service. Kleinhans has held positions at the National Steel Bridge Alliance (NSBA) and CTLGroup and began her career at Modjeski and Masters, Inc.

She is a current member of ACI Committees 222, Corrosion of Metals in Concrete; 437, Strength Evaluation of Existing Concrete Structures; 440, Fiber-Reinforced Polymer Reinforcement; and Joint ACI-ASCE Committee 343, Concrete Bridge Design. Kleinhans is a past member of the ACI Publications Committee and the ACI Chapter Convention Planning Committee for the ACI Spring 2010 Convention in Chicago, which she served as Publicity Chair. She plans to become active in the Strategic Development Council and Concrete Research Council in her new role as President and CEO of CRSI. She received the 2015 ACI Young Member Award for Professional Achievement “for contributions to the design and use of concrete in bridges, serving as a liaison with concrete industry institutes, and for her service on ACI technical committees.”

Kleinhans received her bachelor’s degree in civil engineering from the University of Alaska-Fairbanks, Fairbanks, AK, in 1998, and her master’s degree and PhD in civil engineering from Missouri S&T, Rolla, MO, in 1999 and 2002, respectively. She is a member of the American Society of Civil Engineers (ASCE), Precast/Prestressed Concrete Institute (PCI), and ASTM International. Kleinhans is a licensed professional engineer in Pennsylvania and Illinois.



Steve Lloyd is Owner and Founder of Lloyd Concrete Services, Rustburg, VA, and Maxxcrete, Inc., in Forest, VA. After serving in the United States Navy, he started in the concrete industry in 1973, establishing his own business in 1979.

Lloyd was named one of the 2017 four most influential people in concrete construction by *Concrete Construction* magazine. ACI Committee C640, Craftsmen Certification, recognized him for his efforts in the tradesman program in October 2017. He has also been asked to serve on the Board of the Virginia Chapter – ACI.

He is a member of the ACI Certification Programs Committee and ACI Committees C640; 302, Construction of Concrete Floors; 306, Cold Weather Concreting; and 360, Design of Slabs on Ground.

His research interests include certification of finishers and minimal-joint floor construction using concrete with steel and macro-synthetic fibers.

Fellows

Lloyd graduated from E.C. Glass High School, Lynchburg, VA, in 1970, and in 1971 went on to complete Navy Diver Class A School in hard hat diving with the United States Navy. His concrete industry certifications and training achievements include Industrial Floor Finisher Dipstick Testing by the Face Company, F and D Meter Floor Testing by the Allen Face Company, Concrete Polishing Council, Rustoleum floor applications, pervious concrete applications by the National Ready Mixed Concrete Association, and steel fiber reinforcement procedures and placement.



José Lozano Y Ruy Sanchez retired in 2013 after serving more than 25 years at the Concrete Division of Cementos Mexicanos (CEMEX). He is General Manager of In Concrete Consultants, a consulting firm in Monterrey, México.

Lozano has been involved in the Mexican Concrete industry since 1980, where he has served as Head of the Industrial Research Area and also as General Director of the Mexican Cement and Concrete Institute (IMCYC). While at CEMEX, he served in several positions within the Concrete Division, such as Operations Director in the Pacific and Central Area of México, Technical Director of the Concrete Division in charge of the Research and Development Area in México, and Quality Control/Quality Assurance areas. Lozano contributed to several Due Diligence and Post-Merging Integration processes for CEMEX in Colombia, the United States, Australia, Europe, and Israel from 1996 to 2007. From 2011 to 2013, he worked at the Cemex Research Group (CRG) in Switzerland, supporting the Production Processes for the Concrete Area worldwide. He participated in the first generation of Cemex/IPADE International Management Program in 1998 in Fort Lauderdale, FL.

He was President of the Mexican Ready Mixed Concrete Association (AMIC) from 2000 to 2002, and Technical Director of the AMIC Technical Committee from 1985 to 1986. Lozano is also a Past President of the Northeast México Chapter – ACI and will be President-Elect for the term of 2018 to 2020. He has been a member of the Chapter's Board, serving in various positions since 2003. The Chapter was recognized as a 2013 ACI Excellent Chapter. He is a past member of the ACI International Advisory Committee and ACI Subcommittee 318-S, Spanish Translation.

Lozano received his BS in civil engineering from the Universidad Iberoamericana (UIA), México City, Mexico, and his MBA from the Instituto Tecnológico Autónomo de México (ITAM), México City, Mexico, in 1975 and 1983, respectively.

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Allyn C. Luke is an Adjunct Associate Professor at Rutgers University, Newark, NJ. He is also a consultant for the development of concrete mixtures and the testing of concrete properties and materials.

He served for 6 years as Chair of ACI Committee 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete, and currently serves as Secretary. Luke is Chair of ACI Subcommittee 211-A, Proportioning-Editorial, and is a member of the ACI Student and Young Professional Activities Committee; and ACI Committees S801, Student Activities; 211,

Proportioning Concrete Mixtures; 237, Self-Consolidating Concrete; 310, Decorative Concrete; 363, High-Strength Concrete; and 522, Pervious Concrete. He has authored or co-authored many technical papers and presentations on diverse concrete topics. Luke promotes concrete to engineering students and encourages student membership and participation in ACI. He served as Director of the New Jersey Chapter – ACI for 12 years. Luke is also a member of the American Society of Civil Engineers (ASCE).

His research interests include the mechanical behavior of mechanical joints, the development of three-dimensional (3-D) printable materials, and innovative ways of quantifying the wear of materials using a biaxial testing machine.

Luke received his BA in oriental studies from Columbia University, New York City, NY, and his BS and MS in civil engineering from The New Jersey Institute of Technology, Newark, NJ, in 1976, 1988, and 1992, respectively.



Mark Lukkarila is a Principal Materials Scientist at Beton Consulting Engineers, Mendota Heights, MN, where he is integral to the development of high pozzolan replacement for high-performance concrete mixtures.

He has worked as a Petrographer for nearly 30 years. During his career in the consulting, manufacturing, and research arenas, he has served as Research Laboratory Manager and Technical Services Director in the cement industry, and as Technical Services Manager in the masonry industry. His work includes the material science aspects of binder and aggregate

materials. Lukkarila's practical experience, knowledge in manufacturing, and understanding of the performance of concrete have enabled him to become a respected forensic investigator.

He is Chair of ACI Committee E701, Materials for Concrete Construction; Secretary of ACI Committees 221, Aggregates, and 225, Hydraulic Cements; past Chair of ACI Committee 221 and a member of ACI Committees C621, Cement Tester Certification; E710, ACI University Programs; 201, Durability of Concrete; 240, Pozzolans; 506, Shotcreting; and 524, Plastering. Lukkarila is also a member of ASTM International and serves on ASTM Committees C01, Cement, and C12, Mortars and Grouts for Unit

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Masonry. He previously served as Chair of ASTM Subcommittee C09.46, Shotcrete, and is the Task Group Chair of ASTM C294/295, Aggregate Petrography.

His research interests include cement manufacture, cement and hydration chemistry, natural pozzolans, historic masonry and concrete, shotcrete, and new product development. He has authored and co-authored seven technical papers.

Lukkarila received his BA in earth science from the University of Minnesota, Duluth, MN, in 1985.



Mohamed Mahgoub is an Associate Professor in the Department of Engineering Technology and the Department of Civil and Environmental Engineering at New Jersey Institute of Technology (NJIT), Newark, NJ. He is the Director of the Concrete Industry Management (CIM) Program at NJIT.

Mahgoub is Chair of ACI Committee 555, Concrete with Recycled Materials, and is a member of ACI Committees 130, Sustainability of Concrete; 342, Evaluation of Concrete Bridges and Bridge Elements; and 444, Structural Health Monitoring and Instrumentation. He is President of the New Jersey Chapter – ACI and Advisor of the NJIT Student Chapter – ACI. Mahgoub is a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI). He also serves as a panelist for the National Science Foundation (NSF) and the National Cooperative Highway Research Program (NCHRP).

His research interests include bridge rehabilitation, inspection, rating, design and analysis, structural health monitoring, and recycled concrete. He has authored or co-authored over 50 technical papers and reports.

Mahgoub received his BS in civil engineering from Al-Azhar University, Cairo, Egypt, in 1990; his master's degree in civil engineering from McMaster University, Hamilton, ON, Canada, in 1997; and his PhD in civil engineering from Carleton University, Ottawa, ON, Canada, in 2004. He is a licensed professional engineer in Michigan and in the Province of Ontario, Canada.



Michael A. Mahoney is the Director of Marketing and Technology, Fiber Reinforced Concrete, at The Euclid Chemical Company, Cleveland, OH. Over the past 20 years, he has authored and co-authored multiple papers and articles on fiber-reinforced concrete (FRC), shotcrete, carbon footprint of fiber materials, and innovative bridge systems, and he currently directs research and marketing projects while educating engineers and contractors on the use of FRC.

Mahoney is a past Chair of ACI Subcommittee 544-A, FRC-Education Production Application; and is a member of ACI Committees 522, Pervious Concrete; and 544, Fiber-Reinforced Concrete; and, ACI

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Subcommittees 544-A; 544-C, FRC-Testing; and 544-F, FRC-Durability. He serves as a judge for the Fiber-Reinforced Concrete Bowling Ball Competition sponsored by ACI Committee S801, Student Activities, and has been a guest speaker at multiple local ACI chapter events both nationally and internationally. Mahoney is a member of ASTM International and is a Past President of the Fiber Reinforced Concrete Association (FRCA).

His research interests include fiber and pervious concrete projects, structural health monitoring of concrete and bridges using nondestructive testing methods, and material characterization and testing of concrete and shotcrete mixtures.

Mahoney received his BE and MASc from the Technical University of Nova Scotia (TUNS), Halifax, NS, Canada, in 1995 and 1997, respectively, and is a licensed professional engineer in the Province of Nova Scotia.



Kirk McDonald is Vice President of Cement Technical Services at CalPortland, Glendora, CA. He has 37 years of experience in the technical field of concrete and cement.

He is Chair of the ACI Hot Topic Committee and a member of ACI Committees 201, Durability of Concrete, and 225, Hydraulic Cements. McDonald was also a member of the ACI Convention Committee. He has served the Southern California Chapter – ACI as Board member, Vice President, President, and various committee chair positions.

McDonald's research interests include portland limestone cement, rapid-strength concrete, supplementary cementitious materials interaction with portland cement, and cement/admixture compatibility.



Hector Monzon-Despang is Director and Owner of Sismoconsult, a structural engineering and earthquake engineering middle-sized consulting firm in Guatemala City, operating since 1985. He has been responsible for various projects of multi-story buildings (mainly reinforced concrete), as well as low-rise buildings (reinforced masonry) in Guatemala, El Salvador, Honduras, Nicaragua, the Dominican Republic, and Paraguay. These projects include some of the tallest buildings in several of those countries. He has specialized in seismic retrofitting and repair of damaged structures in

Guatemala and El Salvador.

Monzon-Despang has been a member of ACI Subcommittee 318-L, International Liaison, since 2005, and is Co-Founder and President of the Guatemala Chapter – ACI. He is a Life Member of the American Society of Civil Engineers (ASCE). In 1996, Monzon-Despang co-founded the Guatemalan Association of Structural and Earthquake Engineering (AGIES). This association proposed the structural codes currently in use in Guatemala. He is AGIES Past President and currently Director of Technical Committees.

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Monzon-Despang has provided lectures in structural and earthquake courses in several engineering and architectural schools in Guatemala and was also a lecturer at San Jose State University, San Jose, CA, between 1981 and 1982.

His academic interests include preparing lectures and primers on structural and seismic topics for college students and the general public. His other interests include the seismicity and volcanic activity in Guatemala. He is a respected structural and geology speaker in Guatemala.

Monzon-Despang received his engineering degree from Universidad San Carlos de Guatemala, Guatemala City, Guatemala, in 1972; and his MS in earthquake engineering, his engineering degree, and his PhD from Stanford University, Stanford, CA, in 1978, 1980, and 1982, respectively. He is a licensed engineer in Guatemala.



David Nau was Manager/Director of Technical Services for Rinker Materials Corporation and its successor companies from 1983 to 1990 and from 2000 to 2017, respectively. He worked for Master Builders from 1990 to 1999.

He is a member of ACI Committees 301, Specifications for Structural Concrete; 305, Hot Weather Concreting; and ACI Subcommittee 301-J, Shrinkage Compensating Concrete-Section 10. Nau has been a member of numerous ACI chapters, including the Gold Coast, Pittsburgh Area, Las Vegas, Arizona, and Southern California chapters, as well as serving on the

Board of Directors of the Pittsburgh and Las Vegas Chapters.

His interests include hot weather concrete, chemical and mineral admixtures, aggregates, and high-performance concrete.

Nau received his BS from Jacksonville University, Jacksonville, FL, in 1980.



Narayanan Neithalath is a Professor in the School of Sustainable Engineering and Built Environment at Arizona State University, Tempe, AZ.

He is Chair of ACI Committee 522, Pervious Concrete, and a member of ACI Committees 231, Properties of Concrete at Early Ages, and 236, Material Science of Concrete. He is a member of the American Society of Civil Engineers (ASCE) and ASTM International.

His research interests include novel material development and characterization including additive manufacturing and ultra-high-performance and cement-free binders, cracking control, and computational materials science and modeling. He has authored or co-authored over 200 technical papers and reports.

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Neithalath received his BS in civil engineering from University of Calicut, Malappuram, India, in 1996; his MS from the Indian Institute of Technology Madras, Chennai, India, in 1999; and his PhD in civil engineering from Purdue University, West Lafayette, IN, in 2004.



Chris Pantelides is a Professor in the Department of Civil and Environmental Engineering at the University of Utah, Salt Lake City, UT. He has been a Professor at Missouri University of Science and Technology, Rolla, MO, for 3 years and at the University of Utah for 26 years.

Pantelides has been active in the Intermountain Chapter – ACI in educational activities. He is a member of ACI Committees 341, Earthquake-Resistant Concrete Bridges; 349, Concrete Nuclear Structures; 374, Performance-Based Seismic Design of Concrete Buildings; and 440, Fiber-Reinforced Polymer Reinforcement; and Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures. He has also served on ACI Committee 369, Seismic Repair and Rehabilitation. He is also a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI).

His research interests include seismic retrofit of column-to-bent cap joints with fiber-reinforced polymer (FRP) composites and seismic evaluation and retrofit of beam-column building joints with FRP composites. He has investigated the seismic retrofit of precast concrete shear wall connections with FRP composites. He has developed stress-strain models for existing columns confined with external FRP jackets, as well as new columns confined with internal FRP spirals. His interests include seismic design and repair of precast concrete column-to-bent cap and column-to-footing connections for accelerated bridge construction. Pantelides received the 2002 and 2003 ASCE *Journal of Composites for Construction* Best Applied Research Paper Award. He has authored over 100 technical journal papers.

Pantelides received his BE in civil engineering from the American University of Beirut, Beirut, Lebanon, in 1980, and his MSc and PhD in civil engineering from the University of Missouri-Rolla (UMR), Rolla, MO, in 1983 and 1987, respectively. He is a licensed professional and structural engineer in Utah.



Eric Stephen Peterson is a Construction Manager for Webcor Builders, Knightsen, CA, with over 45 years of experience. His projects have spanned the civil, building, and industrial sectors and have included transit stations, water and wastewater treatment facilities, commercial and residential high-rise, hospitals, transportation and infrastructure, and manufacturing facilities.

Peterson is Chair of Joint ACI-ASCC Committee 117, Tolerances, and is a member of ACI Committees 237, Self-

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Consolidating Concrete; 301, Specifications for Structural Concrete; 347, Formwork for Concrete; and ACI Subcommittee 301-A, General Requirements, Definitions, and Tolerances – Section 1. He received the 2012 ACI Construction Award. Peterson is also a member of ASTM International.

His principal industry interests include formwork design and construction, architectural concrete, quality management, concrete material science, and on-site problem solving.

Peterson started in the construction industry as a laborer, carpenter apprentice, and welder when he was 16 years old and has worked continuously, eventually becoming a superintendent and Construction Manager. His educational background has consisted of focused self-education efforts and attending various junior colleges at night, declaring mathematics as a major.



Henry B. Prenger is a Technical Service Engineer with LafargeHolcim in Baltimore, MD. He has worked in several positions in the concrete industry, including Concrete Engineer for the State of Maryland and Director of Technical Services for Lafarge Cement. Through most of his career, he has specialized in the use of slag cement in concrete applications.

Prenger is Chair of ACI Subcommittee 301-D, Concrete Mixtures – Section 4, and a member of ACI Committees 207, Mass and Thermally Controlled Concrete; 233, Ground Slag in Concrete; and 308, Curing Concrete. He is a member of the Slag Cement Association (SCA); an Honorary member of ASTM International Committee C09, Concrete and Concrete Aggregates; and a Past President of the Maryland Chapter – ACI, where he assisted in the development of a scholarship competition that has awarded nearly \$100,000 to students.

Prenger received his BS in civil engineering from Morgan State University, Baltimore, MD, and his master's degree in civil engineering from Johns Hopkins University, Baltimore, MD, in 1989 and 1993, respectively. He is a licensed engineer in Maryland.



Pedro Nel Quiroga is the Director of the Center for Studies on Structures, Materials and Construction at Escuela Colombiana de Ingeniería Julio Garavito, Bogotá, Colombia, since 2004, where he has been a Professor and Researcher since 1984. He has been a member of the committee that oversees the design and construction of building and facilities at Escuela.

He is a member of the Republic of Colombia Chapter – ACI Board of Directors and was the Chapter President from 2014 to 2015. Quiroga has led the implementation of ACI certification programs in Colombia, has contributed to the Spanish translation

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of some ACI documents, and has organized seminars with ACI international members in Colombia.

He is a member of ACI Committees C680, Adhesive Anchor Installer Certification; 440, Fiber-Reinforced Polymer Reinforcement; and 555, Concrete with Recycled Materials.

His professional interests include construction sustainability, concrete with recycled aggregates, anchorage to concrete, plasticity in concrete, repair and rehabilitation of concrete structures, and construction. He has authored and co-authored technical papers and reports on aggregate grading optimization, concrete with recycled aggregates, anchorage to concrete, and seismic vulnerability of concrete buildings.

Quiroga received his BS in civil engineering from Escuela Colombiana de Ingeniería; his MS from Universidad de los Andes, Bogotá, Colombia; and his PhD from The University of Texas at Austin, Austin, TX, in 1984, 1990, and 2003, respectively.



Aleksandra Radlińska is an Assistant Professor in the Department of Civil and Environmental Engineering at the Pennsylvania State University (PSU), University Park, PA. Prior to joining PSU in 2012, she was an Assistant Professor at Villanova University, Villanova, PA, from 2008 to 2012, and a Guest Scientist at BAM Federal Institute for Materials Research and Testing in 2011.

Radlińska is Chair of ACI Committee 123, Research and Current Developments, and a member of the ACI Foundation Concrete Research Council; the ACI Membership Committee; and ACI Committee 236, Material Science of Concrete. She also participates in the ACI Foundation Strategic Development Council. Radlińska previously served on the ACI Young Member Award for Professional Achievement Committee from 2014 to 2016, and was the Faculty Advisor for ACI Villanova University Student Chapter from 2010 to 2012. She is a member of local ACI Pennsylvania Chapters. She is also a member of the American Society of Civil Engineers (ASCE). Radlińska received the 2012 ACI Young Member Award for Professional Achievement and the 2015 ACI Walter P. Moore, Jr. Faculty Achievement Award.

Her research interests include prevention and mitigation of cracking in concrete, durable alternative binders, and construction materials for space applications.

Radlińska received her BS and MS in structural engineering from Western Pomeranian Technological University, Szczecin, Poland, in 2004, and her PhD in civil engineering from Purdue University, West Lafayette, IN, in 2008.

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Wayne M. Wilson is a Senior Technical Service Engineer with LafargeHolcim, Suwanee, GA, 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 33 years of experience in the construction materials testing, analysis, and inspection field.

Wilson has been Certification Chair of the Georgia Chapter – ACI since 2008, Past President in 2007 and 2017, and received the 2009 Distinguished Member Award. He is Secretary of ACI Committee C631, Concrete Transportation Construction Inspector Certification, and is a member of the ACI Certification Programs Committee, and ACI Committees C601, New Certification Programs; C610, Field Technician Certification; C630, Construction Inspector Certification; C670, Masonry Technician Certification; and 231, Properties of Concrete at Early Ages; and ACI Subcommittee C601-F, Nondestructive Testing Technician. He is also a member of the American Society of Civil Engineers (ASCE) and ASTM International.

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

Wilson received his BS in civil engineering technology from Southern Polytechnic State University, Marietta, GA, in 1987. He is a licensed professional engineer in Georgia, Alabama, North Carolina, and South Carolina.

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 contributions in research and education regarding the effective use of materials to improve the durability and service life of new and existing concrete structures”



ACI Honorary Member **David W. Fowler** is a Distinguished Teaching Professor Emeritus and the Joe J. King Chair in Engineering No. 2 Emeritus at The University of Texas (UT) at Austin, Austin, TX. He served as the Director of the International Center for Aggregates.

Fowler previously served on the ACI Board of Direction and was Chair of the ACI Foundation Concrete Research Council and the Concrete Research Foundation. He was Chair of ACI Committees 548, Polymers and Adhesives for Concrete, and E903, Convention Training. Fowler has served on various other ACI Committees including 130, Sustainability of Concrete; 211, Proportioning Concrete Mixtures; 224, Cracking; 546, Repair of Concrete; 551, Tilt-Up Concrete Construction; and the Committee on Nominations.

He received the 1985 ACI Delmer L. Bloem Distinguished Service Award, the 2003 ACI Foundation Robert E. Philleo Award, and was named an ACI Honorary Member in 2017. Fowler helped organize and served as the first President of the International Congress of Polymers in Concrete. He was among the first non-Russians to be named an Honorary Member of the Russian Academy of Engineering in 1992 and elected to the National Academy of Engineering in 1998. Fowler is a Fellow of the American Society of Civil Engineers (ASCE) and the Architectural Engineering Institute (AEI). He was recognized for his teaching by receiving the top college and university teaching awards and was a member of the UT Academy of Distinguished Teachers.

His research interests include concrete-polymer materials, concrete repair materials and techniques, bonded concrete overlays, aggregates in concrete, and surface friction of concrete pavements.

Fowler received his BS and MS in architectural engineering in 1960 and 1962, respectively, from the University of Texas at Austin, and his PhD in civil engineering from the University of Colorado Boulder, Boulder, CO, in 1965.

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 leadership in construction safety, concrete sustainability, BIM implementation, and innovation in construction techniques, as evidenced by willingness to share knowledge and vision with fellow contractors”



Chris Plue is Senior Vice President of Webcor Builders, San Francisco, CA, a \$2 billion California general contractor. He is responsible for the Self-Perform Division at Webcor, a specialty subcontracting group that performs concrete and drywall. He is known for safe production: rapid floor cycles using a collaborative approach that integrates safety and production. Plue is also current President of the American Society of Concrete Contractors (ASCC).

He is a member of ACI Committee E703, Concrete Construction Practices. Plue previously served on the ACI Construction Liaison Committee, Marketing Committee, Financial Advisory Committee, and SA01, Construction Award.

He received his BS in civil engineering from the University of California, Davis, Davis, CA, in 1985, and his MBA from St. Mary's College, Moraga, CA, in 1998.

Awards

JOE W. KELLY AWARD

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

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

“for outstanding contributions to ACI through leadership, committee service, and mentoring students; and extensive contributions to the concrete industry in diverse activities from research and implementation of new technologies for new concrete structures, to assessment and repair of existing structures”



Antonio Nanni, FACI, has been Professor and Chair in the Department of Civil, Architectural, and Environmental Engineering at the University of Miami, Coral Gables, FL, since 2006.

He is Chair of ACI Committee 549, Thin Reinforced Cementitious Products and Ferrocement, and is a member of ACI Committees 437, Strength Evaluation of Existing Concrete Structures; 440, Fiber-Reinforced Polymer Reinforcement; and 562, Evaluation, Repair, and Rehabilitation of Concrete Buildings; and ACI Subcommittee 440-H, FRP-Reinforced Concrete. Nanni previously served on ACI Committees 325, Concrete

Pavements; 544, Fiber-Reinforced Concrete; 563, Specifications for Repair of Structural Concrete in Buildings; Joint ACI-ASCE-TMS Committee 530, Masonry Standards; TAC Repair and Rehabilitation Committee; Educational Activities Committee; Technical Activities Committee; ACI Foundation Concrete Research Council (CRC); Journals Oversight Team; and the Committee on Nominations. He is also a member of ASTM International.

He received the 1999 ACI Delmar L. Bloem Distinguished Service Award and the 2006 ACI Chapter Activities Award. Nanni is also a Fellow of the American Society of Civil Engineers (ASCE).

His research interests include structural concrete and the use of fiber-reinforced polymers in new construction and structural repair.

Nanni received his BS in civil engineering from the University of Bologna, Bologna, Italy, and his MSc and PhD in civil engineering at the University of Witwatersrand, Johannesburg, South Africa, and the University of Miami, in 1978, 1980, and 1985, respectively. He is a licensed professional engineer in Florida, Missouri, Oklahoma, and Pennsylvania, as well as Italy.

Awards

HENRY L. KENNEDY AWARD

The **Henry L. Kennedy Award** was established in 1958 to honor the late Henry L. Kennedy, Past President of the Institute. The award is given only for outstanding technical or administrative service to the Institute and is not mandatory each year. The basis for selection of awardees is outstanding activity or service that has enhanced the Institute's prestige; marked leadership in technical, administrative, or special committee work; or other distinguished service to the Institute.

“for technical, administrative, and leadership contributions and service on technical committees that has enhanced the industry’s knowledge and advancement of engineering and construction practices”



Rolf Pawski is Chief Engineer for Landmark Structures, headquartered in Fort Worth, TX.

He is Vice Chair of ACI Committee 376, Concrete Structures for Refrigerated Liquefied Gas Containment; past Chair and Secretary of 371, Elevated Tanks with Concrete Pedestals; and is a member of ACI Subcommittee 350-F, Seismic Provisions. Pawski is also a member of the American Society of Civil Engineers (ASCE), and member and subcommittee Chair of the American Water Works Association (AWWA) Committee for Steel and Composite Water Storage Tanks.

His research interests include promotion of non-battery schemes for storage of excess solar and wind power such as pumped storage for hydroelectric generation, and the use of liquefied air as a storage medium for air-driven turbines.

Pawski received his BSCE in civil engineering from Cleveland State University, Cleveland, OH, in 1969. He is a licensed professional engineer and/or structural engineer in 30 states.

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 tireless work and continued technical support in the promotion of the rational use of silica fume in concrete”



John T. Wolsiefer is one of the original champions of silica fume. He founded Norchem, the first U.S.-based company performing engineering, processing, and market development of silica fume applications.

He has served on ACI Committees 234, Silica Fume in Concrete; 362, Parking Structures; and 363, High-Strength Concrete. Wolsiefer is also a member of ASTM International, where he has served as Chair of the task group on silica fume for 11 years, which has developed and continues to maintain ASTM C1240, “Standard Specification for Silica Fume Used in Cementitious Mixtures.”

Wolsiefer has been the recipient of many awards, including the Asbjorn Markestad International award for Technology Contribution, for the use of silica fume in portland cement concrete. He also received the award for Sustained Technical Contributions to CANMET/ACI International Conferences from 1975 to 2010.

Wolsiefer received his BS in applied physics from Hofstra University, Hempstead, NY, in 1960, and his MS in management and operations research from Long Island University, Brookville, NY, in 1968.

Awards



Tony Kojundic, FACI, is the Business Manager for Elkem Materials Inc., Pittsburgh, PA, for the past 34 years, and Co-Founder and Director of the Silica Fume Association (SFA) for the past 21 years.

He served as Secretary of ACI Committee 234, Silica Fume in Concrete, and is a member of ACI Committees 239, Ultra-High Performance Concrete; 363, High-Strength Concrete; and 365, Service Life Prediction. Kojundic is also a member of ASTM International and the American Ceramic Society (ACS).

He was elected an ACI Fellow in 2005.

His research interests include the technical transfer of high-performance concrete with silica fume to the structural engineering community and State Departments of Transportations through a co-operative agreement with the Federal Highway Administration (FHWA) and SFA.

Kojundic received his BS in agricultural engineering from West Virginia University, Morgantown, WV, in 1975.

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 of innovative structural designs of tall reinforced concrete buildings, such as the Torre KOI, the tallest building in Mexico”



Roberto Stark, FACI, is the President of Stark + Ortiz, S.C., a consulting firm based in Mexico City, which provides structural design services for urban and infrastructure projects throughout Mexico, Peru, Panama, Colombia and Guatemala. Since 1979, Stark has also been a Professor at the National University of Mexico (UNAM), Mexico City, Mexico.

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; the International Advisory Committee; and ACI Subcommittees 318-D, Members;

and 318-L International Liaison. Stark is on the ACI Board of Direction for the term 2015-2018.

He received the Gabino Barreda Medal for the highest Academic Achievement in 1981. He served as the Mexican delegate on ISO-TC71 from 2005 to 2012.

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

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 the many contributions to the knowledge base for concrete technology, and the effective transfer of this knowledge to students and others through research, professional papers, presentations, and standards development activities”



Karl F. (Fred) Meyer is Professor and Head of the Department of Civil and Mechanical Engineering at the United States Military Academy, West Point, NY. He has served for over 33 years as an active duty Army Officer and for over 15 years on the West Point Faculty.

He is Chair of the International Project Awards Committee Judging Subcommittee and a member of ACI Committees S803, Faculty Network; S804, Student and Young Professional Awards; Student and Young Professional Activities Committee; International Advisory Committee; 213, Lightweight Aggregate and Concrete; 239, Ultra-High Performance Concrete; and

ACI Subcommittee 318-A, General, Concrete, and Construction. He previously served on the ACI Board of Direction and the Committee on Nominations and was Chair of ACI Committee S802, Teaching Methods and Educational Materials. He is also a member of the American Society of Civil Engineers (ASCE).

His research interests include lightweight and ultra-high-performance concrete as well as sustainable and energy-efficient construction techniques for use in an expeditionary environment.

Meyer received his BS from the United States Military Academy in 1984, and his MS and PhD in civil engineering from the Georgia Institute of Technology, Atlanta, GA, in 1993 and 2002, respectively. He is a licensed professional engineer in Virginia.

Awards

ACI CONCRETE SUSTAINABILITY AWARD

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

“for the many contributions to the knowledge base for energy efficiency and sustainability of concrete, and the effective transfer of this knowledge to others through professional papers, presentations, and participation on national energy efficiency and green building codes and standards committees”



Martha G. VanGeem, FACI, is self-employed in Mount Prospect, IL, as a Principal Engineer of Building Science and Green Technologies. She serves as a project principal investigator and specialized consultant in the areas of green buildings and infrastructure, energy efficiency, energy codes, thermal mass, and moisture mitigation.

VanGeem is a member of ACI Committees 130, Sustainability of Concrete; and 207, Mass and Thermally Controlled Concrete; and Joint ACI-TMS Committees 122, Energy Efficiency of Concrete and Masonry Systems; and 216, Fire Resistance and Fire Protection of Structures. She previously served on the Board Advisory Committee on Sustainable Development, and ACI Committees 305, Hot Weather Concreting, and 306, Cold Weather Concreting. She is a Director of ASTM International Committee E60, Sustainability, and a member of the American Society of Civil Engineers (ASCE).

VanGeem became an ACI Fellow in 2012.

Her research interests include green building standards, environmental life-cycle inventories (LCIs), life-cycle assessments (LCAs), product category rules (PCR), and environmental product declarations (EPDs) of cement, concrete, and other construction materials. She has investigated moisture problems and performed energy analyses and testing for numerous concrete and other building types and products.

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

Awards

ACI STRATEGIC ADVANCEMENT AWARD

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

“for visionary and motivational leadership in the creation and successful implementation of the ACI International Project Awards Program, accomplished with efficient and effective use of ACI resources, strengthening relationships with ACI chapters and international partners, as well as enhancing ACI’s recognition globally”



Michael J. Paul, FACI, is Principal Structural Engineer in the Philadelphia, PA, office of Larsen & Landis, where he provides engineering for building projects. Concluding 20 years of undergraduate teaching, Paul recently stepped down as Coordinator for the Senior Design capstone course in the Department of Civil and Environmental Engineering at the University of Delaware, Newark, DE.

Paul is Chair of the ACI Membership Committee and past Chair of the International Project Awards (IPAC) Committee and ACI Committee 124, Concrete Aesthetics, for which he continues to edit the “Notable

Concrete” series produced for ACI Conventions and excerpted in *Concrete International*. He is a member of the ACI Convention Committee and ACI Committee 120, History of Concrete. Paul previously served on ACI Committees 229, Controlled Low-Strength Materials; 533, Precast Panels; and 555, Concrete with Recycled Materials. He also served on the editorial review panel for both Sustainable Concrete Guides of the U.S. Green Concrete Council.

He was named Engineer of the Year in 2008 by the American Society of Civil Engineers (ASCE) Delaware Section. His Senior Design course received the National Council of Examiners for Engineering and Surveying Engineering Award Grand Prize in 2010. He also is a member of ASTM International and the American Institute of Architects (AIA).

Paul received his BA from Dartmouth College, Hanover, NH, in 1973, and his MSCE and MArch from the Massachusetts Institute of Technology, Cambridge, MA, in 1981. He is a licensed professional engineer in the Commonwealth of Pennsylvania and eight other states, a licensed architect in New Jersey, and is LEED-AP accredited.

Paul accepts the award with thanks and credit to Project Awards Task Group and IPAC members M. Adams, A. Belanger, R. Carrasquillo, H. Caya, B. Chattin, M. Cheek, C. Constantino, D. Elliot, A. Ellis, C. Forster, D. Freytag, B. Garnant, M. Hufnagel, J. Hug, C. Jones, D. Lange, R. Madison, I. Manjrekar, Q. McGuire, F. Meyer, D. Miller, and D. Rogers.

Awards

ACI CERTIFICATION AWARD

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

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



Thomas L. Rozsits is Vice President and Director of Engineering for Ohio Concrete in Columbus, OH. He has been with the association for over 12 years and oversees technical and educational activities including the Engineering Services Center.

Rzsits is a member of the ACI Certification Programs Committee and ACI Committees 522, Pervious Concrete; C610, Field Technician Certification; and C680, Adhesive Anchor Installer Certification. He previously served on the Chapter Activities Committee and Membership Committee. Rozsits is a two-time Past President of the Central Ohio Chapter – ACI, where he

currently serves as a Director.

Rzsits is a member of the American Society of Civil Engineers (ASCE) and ASTM International.

He received his BS in civil engineering from The Ohio State University, Columbus, OH, in 1989. He is a licensed professional engineer in Ohio and Indiana.

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



Genaro L. Salinas 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 to develop 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; C620, Laboratory Technician Certification;

C630, Construction Inspector Certification; C631, Concrete Transportation

Awards

Construction Inspector Certification; C640, Craftsmen Certification; C650, Tilt-Up Constructor Certification; C670, Masonry Technician Certification; International Certification; and ACI Subcommittee C601-D, Decorative Concrete Finisher. He serves as an examiner for 14 classes in Spanish, translating several certification exams, and training classes and exams for flatwork finishers in Arizona, New Mexico, Texas, Arkansas, Florida, Oklahoma, New York, and the District of Columbia. Salinas is a member and Past President of the El Paso International Chapter – ACI.

Salinas became an ACI Fellow in 2016. He received the 2015 Northeast Mexico Chapter – ACI Raymundo Rivera-Villarreal Award. He is a regular lecturer for the Mexican Institute of Cement and Concrete and is also an advisor to Mexico's Cement and Concrete and Masonry Association (IMCYC and 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), Concrete Quality School. 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, Monterrey Institute of Technology and Higher Education (ITESM), and Pontificia Universidad Católica del Ecuador (PUCE).

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

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

Wayne M. Wilson, See Fellows.

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 major positive influence on the design and practice of fiber-reinforced concrete through ACI committee work and industry-specific technical organizations”



Amir Bonakdar is the Business Development Manager for The Euclid Chemical Company, Irvine, CA. He started with Euclid in 2013 as an Engineering Manager for its fiber-reinforced concrete (FRC) technology. Prior to this, he was a Postdoctoral Research Associate in the Department of Civil and Environmental Engineering at Arizona State University (ASU), Tempe, AZ.

Bonakdar is Chair of ACI Subcommittee 544-C, FRC-Testing; and serves as a member of ACI Committee 544, Fiber Reinforced Concrete, of which he chaired a task group for developing a new design guide for non-structural and structural applications of FRC (ACI 544.4R). Prior to this, he developed e-Learning courses for ACI University on advancing FRC technology. Bonakdar is a member of ACI Committees 201, Durability of Concrete; 224, Cracking; and 360, Design of Slabs on Ground. He was on the first-place team of the 2004 ACI FRC Bowling-Ball Student Competition and was a winner of the 2002 ACI Concrete Project Competition. Bonakdar is a member of Southern California Chapter – ACI and Arizona Chapter – ACI. He is also a member of the Precast/Prestressed Concrete Institute (PCI), American Society of Civil Engineers (ASCE), and ASTM International.

His research interests include fiber-reinforced concrete, fracture mechanics, concrete durability, and material characterization.

Bonakdar received his BS and MS in civil and structural engineering from the University of Tehran, Tehran, Iran, in 2004 and 2006, respectively, and his PhD in civil and environmental engineering from ASU in 2010.

He is a licensed professional engineer in Arizona.

Awards

“for contributions to a better understanding of concrete rheology and transferring concrete rheological principles into practice”



Dimitri Feys is an Assistant Professor in the Department of Civil, Architectural, and Environmental Engineering at Missouri University of Science and Technology (S&T), Rolla, MO, since January 2013.

He is Chair of ACI Subcommittee 238-A, Student Workability, where he is responsible for the organization of the Student Mortar Workability Competition. Feys is also a member of ACI Committees 237, Self-Consolidating Concrete; 238, Workability of Fresh Concrete; 309, Consolidation of Concrete; and ACI Subcommittee 211-P, Guide for Selecting Proportions for Pumpable Concrete. He is a member of the Missouri

Chapter – ACI Board of Directors and he is also Secretary of RILEM TC-266, Measuring Rheological Properties of Cement-based Materials.

His research interests include mixture design, workability, rheology, and placement of concrete. Feys has a specific interest in pumping of different concrete types, and focuses on the consequences of placement conditions on fresh and hardened properties of concrete. He is also interested in the rheology of other complex materials.

Feys received his combined BSc and MSc in civil engineering, and his PhD in civil engineering from Ghent University, Ghent, Belgium, in 2004 and 2009, respectively. Prior to joining Missouri S&T, he was active as a Postdoctoral Fellow at the Université de Sherbrooke, Quebec, QC, Canada.

Awards

“for intense interest in all things concrete related and a passion for sharing concrete knowledge with others on a national and international level”



J. Bret Robertson is a PhD Candidate in the Department of Civil and Environmental Engineering at Oklahoma State University (OSU), Stillwater, OK. He was a Civil Engineer for the U.S. Bureau of Reclamation in Denver, CO, from 2010 to 2016. He has authored or co-authored over 30 technical papers and reports.

Robertson is a member of ACI Committees 201, Durability of Concrete; 236, Material Science of Concrete; and 241, Nanotechnology of Concrete. During his time as a member of the Rocky Mountain Chapter – ACI, he served on the Board of Directors from 2014 to 2016, Secretary/Treasurer in 2015, and President in

2016. He served as Chair of the student program for The Concrete Convention and Exposition—Fall 2015, in Denver, CO. Robertson received the 2017 ACI Tribute to the Founders Fellowship. He is also a member of ASTM International Committees C01, Cement, and C09, Concrete and Concrete Aggregates.

His research interests include concrete durability and hydration. He is working on improving current methods to measure the water-cement ratio of fresh concrete, and on using three-dimensional in-place structure and chemistry imaging techniques at the nano- and microscale to improve sustainability, economy, and mechanical properties of binders for concrete.

Robertson received his BS and MS in civil engineering from OSU, in 2008 and 2010, respectively. His PhD in civil engineering from OSU is expected to be granted in 2019. He is a licensed professional engineer in Colorado.

Awards

WASON MEDAL FOR MOST MERITORIOUS PAPER

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

All original papers presented to the Institute and published by the Institute during the volume year for which the medal is awarded are eligible.

“for the large-scale experimental investigation to measure form pressures exerted by self-consolidating concrete”

(“Field Measurements of SCC Lateral Pressure—Toronto 2014,” *Concrete International*, June 2016, pp. 42-50)



N. J. (John) Gardner, FACI, is Professor Emeritus at the University of Ottawa, Ottawa, ON, Canada, where he was a faculty member from 1968 until his retirement in 2004.

He has been an ACI member since 1962. Gardner is a member of ACI Committees 209, Creep and Shrinkage in Concrete; 347, Formwork for Concrete; and 435, Deflections of Concrete Building Structures. He previously served on ACI Committee 231, Properties of Concrete at Early Ages, and Joint ACI-ASCE Subcommittee 445-C, Shear & Torsion-Punching Shear. He is also a member of the American Society of Civil

Engineers (ASCE)/SEI Committee on Design Loads on Structures during Construction Standards, and Canadian Standards Association (CSA) Committee S269, Formwork.

Gardner, with Luc Monette, was awarded the 2017 ACI Construction Award for their co-authored paper “Shored/Reshored Construction of Flat Plates.”

His research interests include the loads imposed during construction of flat slabs, shrinkage and creep of concrete, punching shear, “deemed to comply” span/thickness limits, and formwork pressures.

He received his BSc and PhD in 1960 and 1963, respectively, from the University of Manchester, Manchester, UK.

Awards



Lloyd Keller, FACI, is the Director, Building & Material Sciences/QA in the Construction Sciences Division of EllisDon Corporation, Mississauga, ON, Canada. He has been with EllisDon for over 30 years.

Keller has been a member of ACI since 1990, and is a long-time member of the Canadian Standards Association (CSA). He is a member of ACI Committees 207, Mass and Thermally Controlled Concrete; 237, Self-Consolidating Concrete; and the ACI Construction Liaison Committee. He is a Subcommittee Chairperson of CSA Technical Committees A23.1, Concrete Materials and Methods of Concrete, and A23.2, Methods of

Testing for Concrete. Keller is a past Director of the Ontario Chapter – ACI and a past member of CSA Committee Z317.13, Infection Control for Construction Renovation & Maintenance of Health Care Facilities.

He was elected an ACI Fellow in 2017. His research interests include self-consolidating concrete. Keller received his Civil Technologist Diploma and Structural Technologist Diploma from the British Columbia Institute of Technology, Vancouver, BC, Canada, in 1976.



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. At Missouri S&T, he serves as Director of the Center for Infrastructure Engineering Studies (CIES) and Director of the Tier-1 University Transportation Center for Research on Concrete Applications for Sustainable Transportation (RE-CAST).

He is Secretary of ACI Committee 237, Self-Consolidating Concrete, and a member of 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 the Editorial Board of the *ACI Materials Journal*.

He was the recipient of the 2017 ACI Foundation Jean-Claude Roumain Innovation in Concrete Award, the 2015 ACI Arthur R. Anderson Medal, the 2012 Quebec and Eastern Ontario Chapter – ACI Award, and the 2006 ACI/CANMET Award.

His research interests include rheology of cement-based materials and the design of advanced cement-based materials in construction, including self-consolidating concrete, high-performance, underwater concrete, fiber-reinforced concrete, ultra-high-performance concrete, and grouts.

Awards

Khayat 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.



David A. Lange, FACI, is Professor of Civil and Environmental Engineering at the University of Illinois at Urbana-Champaign, Urbana, IL. He is Director of the Center of Excellence for Airport Technology, a research center working in partnership with the Chicago Department of Aviation and the O'Hare International Airport.

A long-time ACI member, Lange has served on the ACI Board of Direction and is a past Chair of the ACI Technical Activities Committee, the Publications Committee, and the Board Outlook 2030 Task Group. He is a member of the ACI Foundation Board of

Trustees, ACI Financial Advisory Committee, and ACI Committees 236, Material Science of Concrete; 237, Self-Consolidating Concrete; 241, Nanotechnology of Concrete; 544, Fiber-Reinforced Concrete; S802, Teaching Methods and Educational Materials; and S803, Faculty Network.

Lange received the 2003 ACI Wason Medal for Most Meritorious Paper. He is a Fellow of the American Ceramic Society and he received a 2013 J. William Fulbright Scholar Award.

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

Awards



Ahmed Omran is a Professional Research Scientist in the Research Laboratory on Alternative Cementitious Materials (LMCA) at the Department of Civil Engineering at the University of Sherbrooke, Sherbrooke, QC, Canada, and Assistant Professor of the University of Minoufiya, Monufia, Egypt.

Omran is a member of ACI Committees 237, Self-Consolidating Concrete; 347, Formwork for Concrete; 555, Concrete with Recycled Materials; and E701, Materials for Concrete Construction. He is a member of RILEM Committee 233, Formwork Pressure of Concrete; Canadian Standards Association (CSA)

Committees S269.1/S269.3, Formwork/Falsework for Construction Purposes, and A3000, Cementitious Materials Compendium; and ASTM International Committee C09, Concrete and Concrete Aggregates, and Subcommittee C09.24, Supplementary Cementitious Materials. Omran is also a member of the American Society of Civil Engineers (ASCE), the National Ready Mixed Concrete Association (NRMCA), Egyptian Syndicate of Engineers, Society of Egyptian Engineers, and many other local organizations in Canada, such as the Research Center on Concrete Infrastructures (CRIB), and *Laboratoires International Associe* (LIA-ECOMAT).

His research interests include sustainable and durability of cement-based materials, alternative supplementary cementitious materials (ASCM), ultra-high-performance concrete, use of nano-cellulose and natural fibers, rheology, and formwork pressure.

Omran received his BS in civil engineering and his MS in structural and material engineering from the University of Minoufiya in 1999 and 2003, respectively, and his PhD in materials and concrete technology from the University of Sherbrooke in 2009. He is a licensed professional engineer in the provinces of Ontario and Quebec in Canada.

Awards

ACI CONSTRUCTION AWARD

The **ACI Construction Award** was founded in 1944. The intent of this award is to enrich the literature in construction practice and to honor the construction worker whose resourcefulness produces a completed structure from drawings and specifications.

“for the discussion of concrete production and concrete quality organization, as well as oversight testing and evaluation of the new NY Bridge designed for a 100-year service life without major rehabilitation”

(“The New NY Bridge Construction,” *Concrete International*, September 2016, pp. 29-34)



Brian P. Cresenzi works for HNTB Corp., Tarrytown, NY, and is the Materials Engineer for the New York State Thruway Authority construction oversight team on the New NY Bridge project located in Tarrytown. He has over 18 years of engineering experience designing marine and transportation facilities as well as providing construction oversight services.

Cresenzi received his BS and MEng from Cornell University, Ithaca, NY, and his MBA from New York University Stern School of Business, New York, NY, in 1998, 1999, and 2008, respectively. He is a licensed professional engineer in New York.

Awards

WASON MEDAL FOR MATERIALS RESEARCH

The **Wason Medal for Materials Research** was founded in 1917 by Leonard C. Wason, Past President of the Institute. Any report of original research work on concrete materials and their uses, or a discovery that advances the state of knowledge of materials used in the concrete industry is eligible for the Wason Medal for Materials Research. When awarded, it is bestowed for the research discovery judged worthy of special commendation.

“for the proposed new supplementary preconditioning procedure that can accelerate the degradation process of concrete specimens when exposed to sulfate attack”

“Preconditioning Method for Accelerated Testing of Concrete under Sulfate Attack,” *ACI Materials Journal*, July-August 2016, pp. 493-504)



Hocine Siad is a Research Associate in the Department of Civil Engineering at Ryerson University, Toronto, ON, Canada, since September 2013. He has authored and co-authored 17 refereed journal articles and 10 conference publications.

His research interests include microstructure, durability, and transfer properties of cementitious materials; sulfate and acid attack; development of new test methods; use of waste, recycled, and industrial by-products/volcanic materials in sustainable applications; self-healing of engineered cementitious composites; new geopolymer concretes; nanomaterial technology; and the development of smart, multifunctional composites.

Siad received his BS and MS in civil engineering from L'École Nationale Polytechnique d'Oran (ENPO) (formerly l'École Nationale Supérieure d'Enseignement Technologique [ENSET]), Essenia, Algeria, in 1999 and 2002, respectively, and his PhD in civil engineering from L'Institut National des Sciences Appliquées (INSA) de Rennes, Rennes, France, in 2010.

Awards



Mohamed Lachemi was appointed President and Vice-Chancellor of Ryerson University, Toronto, ON, Canada, in April 2016, and has been a member of the Department of Civil Engineering since 1998. He has been supervisor, co-supervisor, or advisor to 65 graduate students, and has served as external examiner, chair, or committee member for more than 50 thesis examinations.

Lachemi is a member of ACI Committees 231, Properties of Concrete at Early Ages, and 237, Self-Consolidating Concrete. He previously served on ACI Committee 363, High-Strength Concrete; and the Toronto ACI Convention Organizing Committee.

He is a Fellow of the Canadian Academy of Engineering (2011) and the Canadian Society for Civil Engineering (2010).

His research interests include high-performance concrete, with more than 35 projects funded, including a current grant from the Natural Sciences and Engineering Research Council of Canada (NSERC) for Novel Green Concrete Components for Modular Construction. He was awarded the Canada Research Chair in Sustainable Construction (2002-2010) by the prestigious national program promoting innovative research with significant impact.

Lachemi received his bachelor's degree in civil engineering from the University of Science and Technology of Oran, Oran, Algeria, in 1986, and his MS and PhD in structural engineering from the University of Sherbrooke, Sherbrooke, QC, Canada, in 1993 and 1998, respectively.

Awards



Mustafa Şahmaran is a Professor of Construction Materials and Materials Science in Hacettepe University, Ankara, Turkey. He is the Director of Advanced Building Materials Laboratory.

Şahmaran is an affiliated member of the American Society of Civil Engineers (ASCE).

He received the 2007 Province of Ontario Fellowship, the 2012 Turkish Academy of Sciences Distinguished Young Scientist Award, and the 2014 Scientific and Technological Research Council of Turkey's Young Scientist Award.

His research interests include micromechanical design and durability of high-performance and ultra-ductile cementitious composites, recycling industrial and natural waste products into useful construction materials, and nano-modification in cementitious systems.

Şahmaran received his PhD from Middle East Technical University, Ankara, Turkey, in 2006 before completing his postdoctoral fellowship in 2007 at the University of Michigan, Ann Arbor, MI.



Khandaker M. Anwar Hossain is a Professor in the Department of Civil Engineering at Ryerson University, Toronto, ON, Canada.

He is a member of ACI Committees 213, Lightweight Aggregate and Concrete, and 232, Fly Ash in Concrete.

His research interests include sustainable construction, high-ultra high-performance/self-consolidating concrete, use of wastes/volcanic materials/underused materials in blended cement and concrete, ductile engineered concrete, smart self-healing materials, innovative high performance structural systems for bridge/building applications and finite element modeling.

Hossain received his BSc and MSc in civil engineering from Bangladesh University of Engineering and Technology (BUET), Dhaka, Bangladesh, in 1982 and 1990, respectively, and his PhD in structural engineering from University of Strathclyde, Glasgow, UK, in 1995.

Awards

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

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

“for the experimental study of concrete wall specimens with high-strength bars subjected to shear and biaxial stresses”

*(“Influence of High-Strength Bars on Shear Response of Containment Walls,” *ACI Structural Journal*, September-October 2016, pp. 917-927)*



Giorgio Talotti Proestos is a Joint PhD Candidate at the University of Toronto, Toronto, ON, Canada, and at the Istituto Universitario di Studi Superiori di Pavia, Pavia, Italy. He is also a research collaborator with the European Centre for Training and Research in Earthquake Engineering, Pavia, PV, Italy.

Proestos received the 2017 ACI Design Award for the paper he co-authored, titled “The Challenge of Predicting the Shear Strength of Very Thick Slabs,” published in the November 2015 issue of *Concrete International*.

His research interests include the experimental assessment of reinforced and prestressed concrete beams and shells subjected to combined shears, moments, torsions, and axial loads. He is also interested in developing simple analytical tools capable of predicting the nonlinear response of structures subjected to these complex loads.

Proestos received his BAsC in engineering science and his MASc in civil engineering from the University of Toronto in 2012 and 2014, respectively.



Gwang-Min Bae is an Assistant Manager in the Department of Infra and Environment Engineering Group at Hyundai Engineering and Construction Co., Ltd. (Hyundai E&C), Seoul, Republic of Korea, since 2014.

His research interests include shear behavior of reinforced concrete with high-strength concrete and reinforcing bars.

Bae received his BS and his MS in civil and environmental engineering from Seoul National University, Seoul, Republic of Korea, in 2011 and 2014, respectively.

Awards



Jae-Yeol Cho is a Professor in the Department of Civil and Environmental Engineering at the Seoul National University, Seoul, Republic of Korea.

He is a member of ACI Committee 349, Concrete Nuclear Structures; Joint ACI-ASME Committee 359, Concrete Containments for Nuclear Reactors; and ACI 349/359/370 Joint Committee Task Group. Cho is also a member of the American Society of Civil Engineers (ASCE).

His research interests include high-strength reinforcement and tendons, and the use of steel fiber and fiber-reinforced polymer as a structural material.

Recently, as the Director of Extreme Performance Testing Center at the Seoul National University, his research interest expanded to the impact and blast load.

Cho received his BS, MS, and PhD in civil engineering from Seoul National University in 1993, 1995, and 2001, respectively.



Evan C. Bentz is an Associate Professor in the Department of Civil Engineering at the University of Toronto, Toronto, ON, Canada.

He is past Chair and a member of ACI Committee 365, Service Life Prediction, and a member of Joint ACI-ASCE Committee 445, Shear and Torsion. Bentz is also an Associate Member of Canadian Standards Association (CSA) Committee A23.3, the Concrete Code Committee, and contributed to the shear provisions of the *fib* Model Code 2010.

He received the 2006 and 2017 ACI Design Award.

His research interests include the shear and torsional behavior and design of reinforced and prestressed concrete. He is also involved with fiber-reinforced concrete, including shear testing on ultra-high-performance fiber-reinforced concrete.

Bentz received his BASc in civil engineering from the University of Waterloo, Waterloo, ON, Canada, in 1994, and his PhD from the University of Toronto in 2000. He is registered with the professional engineers of Ontario.

Awards



ACI Honorary Member **Michael P. Collins** is University Professor in the Department of Civil Engineering at the University of Toronto, Toronto, ON, Canada, where he has researched and taught structural engineering since 1969.

He is a member and past Chair of Joint ACI-ASCE Committee 445, Shear and Torsion, and previously served on the ACI Board of Direction; ACI Educational Activities Committee; ACI Foundation Scholarship Council; and ACI Committee 318, Structural Concrete Building Code.

Collins was awarded the 1976 Raymond C. Reese Research Medal for the best ACI structural engineering research paper, the 1991 ACI Wason Medal for Most Meritorious Paper, the 1998 ACI Chester Paul Siess Award for Excellence in Structural Research, and the 2006 and 2017 ACI Design Award. In addition, he received the 1994 ACI Joe W. Kelly Award for “outstanding contributions to structural concrete”; was chosen as the 1997 ACI Phil M. Ferguson Award Lecturer; received the 2004 ACI Foundation Arthur J. Boase Award for his research on shear behavior; and in 2012, was elected as an Honorary Member of ACI for “his lifetime contributions as a researcher, teacher, and role model to generations of students and for his leadership in the development of the modified compression field theory for the shear design of reinforced concrete members.”

His research interests include developing more simple analytical tools that will enable engineers to evaluate the vulnerability of existing concrete structures to shear failures during extreme events such as earthquakes.

Collins received his BE(Hons) from the University of Canterbury, Christchurch, New Zealand, in 1964 and his PhD and DEng from the University of New South Wales, Sydney, Australia, in 1968 and 2012, respectively. He is a registered Professional Engineer in the Canadian provinces of Ontario and New Brunswick.

Awards

ACI DESIGN AWARD

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

“for the investigation of root causes of a 27-story building collapse in Medellín, Colombia”

(“An Insight into the Space Building Collapse,” SP311-13, September 2016, pp. 13.1-13.14)



ACI Honorary Member **Luis E. García** is an independent consultant who has been involved in structural engineering since the early 1970s. In 1980, he founded Proyectos y Diseños Ltda. (P&D Ltda.), a structural engineering consulting firm in Bogotá, Colombia, retiring in April 2015. García has been engaged in teaching and research at the Universidad de los Andes, Bogotá, Colombia, since 1973, and was Chair of the Civil Engineering Department from 1982 to 1983. From 2001 to 2003, he was Visiting Professor of Civil Engineering at Purdue University, West Lafayette, IN.

García is a Past President of ACI (2008 to 2009). He has been a member of ACI Committee 318, Structural Concrete Building Code, since 1985, and is past Chair of Subcommittee 318-D, Members (2002 to 2008). García is Chair of ACI Subcommittees 318-L, International Liaison, and 318-1N, Nonlinear Dynamic Analysis; a member and past Chair of ACI Committee 314, Simplified Design of Concrete Buildings; and a member of ACI Committees 133, Disaster Reconnaissance; 374, Performance-Based Design of Concrete Buildings; ACI Subcommittee 318-F, Foundations; Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures; the Board Advisory Committee on ISO TC71; and the Committee on Codes and Standards Advocacy and Outreach.

García was elected an Honorary Member of ACI in 2017. He was the recipient of the ACI Committee 318 Structural Concrete Building Code Distinguished Service Award in 2011, was recognized for his services as President of the Institute in 2009, and received the 2003 ACI Alfred E. Lindau Award and the 2000 ACI Joe W. Kelly Award. He was elected Fellow of the American Society of Civil Engineers (ASCE) in 2006, and a Life Member of ASCE in 2012.

García received his degree in civil engineering from the Universidad de los Andes in 1971, and his MSc in civil engineering from the University of Illinois at Urbana-Champaign, Champaign, IL, in 1972.

Awards



Honorary Member **Mete A. Sozen** is the Kettelhut Distinguished Professor of Structural Engineering at Purdue University, West Lafayette, IN.

He served on ACI Committee 318, Structural Concrete Building Code, for several years and served as its Chair in 1980 when the first set of specifications for earthquake resistance was prepared. Sozen has served on many technical committees of ACI, the American Society of Civil Engineers (ASCE), the European Concrete Committee, the Precast/Prestressed Concrete Institute (PCI), and the Earthquake Engineering Research Institute (EERI). He previously served as Chair

of The U.S. National Committee on Natural Disasters. For research related to earthquake issues, he has served on the Joint U.S.-People's Republic of China Committee, the U.S.-Japan Committee, and on the Illinois Governors Earthquake Preparedness Task Force. Sozen was Chair of the Joint U.S.-Japan Coordination Committee on Urban Earthquake Disaster Mitigation Research and the National Academy of Sciences Committee on Blast Effects.

He has been elected to membership in the U.S. National Academy of Engineers and the Royal Swedish Academy of Engineering Sciences. Sozen has been granted honorary doctorates by Boğaziçi University, Beşiktaş/Istanbul, Turkey; Janus Pannonius University of Pécs (now University of Pécs), Pécs, Hungary; The Georgian Technical University, Tbilisi, Georgia; and honorary membership by the Turkish American Architects, Engineers, and Scientists Association; the American Society of Civil Engineers (ASCE); and Japan Society of Architectural Engineers.

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

Sozen received his BSc in civil engineering from Robert College (now Bogazici University), Istanbul, Turkey, and his MS in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1951 and 1952, respectively. After working as a structural designer with Kaiser Engineers, Oakland, CA, and Hardesty and Hanover, New York, NY, he returned to receive his PhD in civil engineering at the University of Illinois, in 1956.

Awards



Anthony E. Fiorato of Fish Creek, WI, provides consulting services on engineering properties, testing, and durability of concrete; on design, construction, performance characteristics, and rehabilitation of concrete structures; and on codes and standards for concrete. Prior to retirement, he served as President and CEO of CTLGroup, an engineering, testing, and research firm; Vice President of Research and Technical Services for the Portland Cement Association (PCA); and Executive Director of the Slag Cement Association (SCA).

He is an Honorary Member and Past President of ACI, and an Honorary Member and past Chair of the Board of ASTM International. In 2008, Fiorato was elected to the National Academy of Engineering.

Fiorato received his BS in civil engineering from Drexel Institute of Technology (now Drexel University), Philadelphia, PA, and his MS and PhD in structural engineering from the University of Illinois, Urbana-Champaign, Champaign, IL, in 1966, 1968, and 1971, respectively. He is a licensed structural engineer in Illinois (inactive); and professional engineer in Michigan, Ohio, and Arizona (inactive).



Luis E. Yamin is an Associate Professor in the Department of Civil and Environmental Engineering at Universidad de los Andes, Bogotá, Colombia.

He is a member of the Colombian Association for Seismic Engineering and of the Earthquake Engineering Research Institute (EERI). Yamin is an international consultant in disaster risk management for the World Bank, the Interamerican Development Bank, the United Nations, and governments in Latin America and the Caribbean region.

His research interests include vulnerability assessment of different types of building structures and infrastructure components, and probabilistic hazard and risk assessment for different types of natural events including earthquakes, operational loads, wind, floods, and others.

Yamin received his BS in civil engineering from Universidad de los Andes in 1982; his masters from Universidad de los Andes and Stanford University, Palo Alto, CA, in 1984 and 1985, respectively; and his PhD in structural engineering from Universidad Politécnica de Cataluña, Barcelona, Spain, in 2016. He is a licensed professional engineer in Colombia.

Awards



Juan F. Correal is an Associate Professor in the Department of Civil and Environmental at the Universidad de Los Andes, Bogotá, Colombia. He has been working in the Center for Materials Research and Civil Works (CIMOC) at Universidad de los Andes as a Director and Principal Investigator of different projects in the public and private sector.

Correal is 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).

His research interests include the seismic behavior of concrete structures and the application of nonconventional materials for design and construction.

Correal received his BS and MS in civil engineering from the Universidad de Los Andes in 1998 and 1999, respectively, and his PhD in civil engineering from the University of Nevada, Reno, Reno, NV, in 2004. He is a licensed professional engineer in California.

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 130 – Sustainability of Concrete”



Julie K. Buffenbarger, FACI, is a Senior Scientist and Sustainability Principal for Beton Consulting Engineers, Mendota Heights, MN.

She was honored with the rank of ACI Fellow in 2011 and received the 2015 ACI Concrete Sustainability Award. Buffenbarger is Chair of ACI Committee 130, Sustainability of Concrete; Secretary of ACI Committees 132, Responsibility in Concrete Construction; and 234, Silica Fume in Concrete; and a member of ACI Committees 232, Fly Ash in Concrete; and C601-E, Concrete Construction Sustainability Assessor. She has served as the Co-Moderator for the Sustainability Forum since 2010. Buffenbarger is a past member of ACI Committee 301, Specifications for Structural Concrete; and ACI Subcommittees 301-F, Architectural Concrete – Section 6; 301-L, Tilt-Up Construction – Section 12; the Board Advisory Committee on Sustainable Development; the Publications Committee; the Awards Committee for Wason Medal for Material Research and Wason Medal for Most Meritorious Paper; and has twice served on the Committee on Nominations. In addition, Buffenbarger has served as an ACI Mentor.

She has authored over 65 publications on cementitious materials, concrete sustainability, durability and resilience, and concrete admixtures in concrete. Buffenbarger was also Co-Editor of ACI SP-269, *Concrete: The Sustainable Material Choice*, in 2010.

She has collaborated with other U.S. and international sustainability groups. Her proficient knowledge of multiple building and infrastructure sustainable rating systems has been instrumental in advocating use of concrete products in the buildings, roads, and energy construction segments.

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

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

Awards

“for outstanding leadership of Committee 236 – Material Science of Concrete”



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 received the 2009 ACI Walter P. Moore, Jr. Faculty Achievement Award, 2010 Young Member Award for Professional Achievement, 2011 Wason Medal for Materials Research, and became an ACI Fellow in 2015. Juenger is past Chair of ACI Committee 236, Material Science of Concrete. She serves on the *ACI Materials Journal* Editorial Board and a member of ACI Committees 231, Properties of Concrete at Early Ages;

240, Pozzolans; and ACI Subcommittees 130-A, Materials; and 318-A, General, Concrete, and Construction. She previously served on the ACI Membership Committee and Publications Committee. Juenger is also a Fellow of the American Ceramic Society (ACS), where she serves as the Trustee of the Cements Division, and is active in RILEM and ASTM International technical committees.

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 (SCMs) with lower carbon dioxide and energy footprints, as well as the capacity of cementitious materials to produce or remove air- and water-borne pollutants.

Juenger received her BS in chemistry from Duke University in Durham, NC, and her PhD in materials science and engineering from Northwestern University, Evanston, IL, in 1994 and 1999, respectively.

Awards

“for outstanding leadership of Committee 423 – Prestressed Concrete”



Carin Roberts-Wollmann, FACI, is a Professor in the Via Department of Civil and Environmental Engineering at Virginia Tech (VT), Blacksburg, VA. She has served over 18 years at VT, and prior to that worked 10 years in the design and construction of complex bridges.

She is the current Chair and past Secretary of Joint ACI-ASCE Committee 423, Prestressed Concrete, and is a member of ACI Committees 239, Ultra-High-Performance Concrete; and 318, Structural Concrete Building Code. She is also a Fellow of the Precast/Prestressed Concrete Institute (PCI).

Her research interests include the application of new materials and systems to enhance the performance and durability of reinforced and prestressed concrete structures. She has investigated ultra-high and very-high-performance concrete for connections in precast structures, fiber-reinforced polymers and fabric-reinforced cementitious mortar for repair of impact damaged bridge beams, and a new inverted t-beam system for short- to medium-span bridges in Virginia.

Roberts-Wollmann received her BS in civil engineering from the University of Nebraska-Lincoln, Lincoln, NE, in 1984, and her MS and PhD in civil engineering from The University of Texas at Austin, Austin, TX, in 1990 and 1993, respectively. She is a licensed professional engineer in North Carolina.

Awards

“for outstanding leadership of Committee 201 – Durability of Concrete”



Thomas Van Dam, FACI, is a Principal with Nichols Consulting Engineers, working out of the firm’s Reno, NV, office. He has over 30 years of civil engineering experience in construction materials and pavement engineering.

Van Dam is Chair of ACI Committee 201, Durability of Concrete, and 325-TG1, Task Group on Thin Concrete Pavements; and is a member of ACI Committees 232, Fly Ash in Concrete; 240, Pozzolans; and 325, Concrete Pavements. He also is an associate member of ACI Committee 130, Sustainability of Concrete, and previously served on ACI Committees

S803, Faculty Network Coordinating Committee; the Construction Award Committee; the Wason Materials Research Award Committee; and the Committee on Nominations. Van Dam became an ACI Fellow in 2010.

His areas of interest include concrete materials, durability, forensics, and sustainability as well as pavement design, evaluation, and rehabilitation. He has authored more than 90 publications and has given over 100 presentations on pavements, concrete materials, and sustainability. An active researcher, Van Dam has led projects for agencies, foundations, departments of transportations, and private entities. Formerly, as a tenured faculty member at Michigan Technological University, Houghton, MI, he directed the USDOT-funded University Transportation Center for Materials in Sustainable Transportation Infrastructure and the Michigan DOT Transportation Materials Research Center.

Van Dam received his BS, MS, and PhD in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1984, 1986, and 1995, respectively. He is a licensed professional engineer in Nevada, Illinois, Michigan, and North Carolina, and a LEED Accredited Professional. Van Dam is also a member of the American Society of Civil Engineers (ASCE).

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 three decades of contributions to the education of concrete contractors and the overall design community”



William D. Palmer Jr., FACI, is Editor-at-Large for Hanley Wood’s Commercial Construction Group, which includes digital and print versions of *Concrete Construction*, *The Concrete Producer*, *Public Works*, and *Masonry Construction*. He has worked for Hanley Wood for 20 years. Previously, he was Executive Director of The Masonry Society (TMS) in Boulder, CO, and prior to that worked for the ACI for 10 years as Engineering Editor of *Concrete International* and as Director of Educational Programs and, through ACI’s Association Concepts subsidiary, was the Executive Director of the American Society of Concrete Contractors (ASCC).

Palmer is a member of ACI Committees 306, Cold Weather Concreting; C640, Craftsmen Certification; and E703, Concrete Construction Practices, on which he served as Chair from 2000 to 2006. He previously served on the ACI Educational Activities Committee, Certification Programs Committee, and Marketing Committee.

Palmer received his bachelor’s degree in civil engineering from the University of Colorado, Denver, CO, and his master’s degree in environmental engineering from the University of Iowa, Iowa City, IA. He is a licensed professional engineer in Michigan and Colorado.

Awards

“for contributions to educational committees through leadership and continued support of ACI education”



William E. Rushing Jr., FACI, is a Vice President and Manager of the Civil and Environmental Engineering Department at Waldemar S. Nelson & Co., Inc, New Orleans, LA.

He is a Past President of ACI (2014-2015). Rushing previously served as Chair of the ACI Convention Committee, Educational Activities Committee, Financial Advisory Committee, ACI Strategic Plan Drafting Task Group, the Task Group on Managing Translations of ACI Products and Services, and the ETC Product Development Committee. He is Chair of the ACI Chapter Activities Committee and a member of the ACI

Board of Direction; ACI Committees 314, Simplified Design of Concrete Buildings; 351, Foundations for Equipment and Machinery; 376, Concrete Structures for Refrigerated Liquefied Gas Containment; E702, Designing Concrete Structures; and S801, Student Activities; and ACI Subcommittees 314-B, Preliminary Design and Economic Impact; 314-D, Design Aids; 314-Task Group 1, Update IPS-1; 351-D, Design Provisions for Heavy Industrial Concrete Structures Including Turbine Pedestals; 376-B, Materials Subcommittee. He also served on the ACI Foundation and is the Chair for Advancing Organizational Excellence (AOE), formerly Creative Association Management (CAM).

A member of the Louisiana Chapter – ACI, Rushing previously served on the Chapter’s Board of Direction and was its President in 1998. He was Vice Chair of the ACI Fall 1996 Convention and Co-Chair of the ACI Fall 2009 Convention in New Orleans, LA. He is also a member of the American Society of Civil Engineers (ASCE).

He received the 2011 ACI Henry L. Kennedy Award and the 2003 ACI Chapter Activities Award. Rushing was inducted into the LSU Civil and Environmental Engineering Hall of Distinction. He received the 2004 Louisiana Chapter – ACI Activity Award and the 2010 Chapter Distinguished Member Award.

Rushing received his BS in civil engineering from Louisiana State University, Baton Rouge, LA, in 1981. He is a licensed professional engineer in Louisiana, Mississippi, Alabama, Arkansas, Georgia, and Arizona.

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 vision, passion, leadership, and dedication to the Mid-South Chapter – ACI”



Tim Cost, FACI, is a semi-retired Consultant with over 41 years of professional experience relating to concrete materials and applications. He retired in 2017 from his most recent position as Senior Technical Service Engineer for LafargeHolcim. During his career, he has held positions in technical services, industry advocacy, association management, and research for LafargeHolcim, the Mississippi Concrete Industries Association, the Portland Cement Association (PCA), and the U.S. Army Corps of Engineers Waterways Experiment Station.

Cost is active in various professional organizations and industry trade associations, including ASTM International. He is past Chair of ACI Committee 330, Concrete Parking Lots and Site Paving, and is a member of ACI Committees 211, Proportioning Concrete Mixtures; 230, Soil Cement; 231, Properties of Concrete at Early Ages; 302, Construction of Concrete Floors; 325, Concrete Pavements; and 360, Design of Slabs on Ground. Cost was a recipient of the 2010 ACI Delmar L. Bloem Distinguished Service Award. He has served as an officer of ASTM Committees C01, Cement, and C09, Concrete and Concrete Aggregates, and as Chair of ASTM Subcommittee C01/09.48, Performance of Cementitious Materials and Admixture Combinations. Cost received the 2014 Mississippi Concrete Industries Association's Lifetime Achievement Award. He has been a speaker or instructor for ACI, CONEXPO/Con-Agg, World of Concrete, and many regional or local professional and industry organizations.

He has authored or co-authored numerous technical papers and articles about portland-limestone cements, thermal test methods for materials and mixture evaluation, concrete properties and mixture design optimization, concrete pavements, and soil stabilization.

Cost received his BS and graduate studies in civil engineering from Mississippi State University, Starkville, MS. He is a licensed professional engineer in Mississippi.

Awards

“for selfless devotion to the Florida First Coast Chapter – ACI”



John E. Ellis II is the Owner, President, and Chief Engineer of Legacy Engineering, Inc., Jacksonville, FL. He is also the Owner of Old South Drilling Company and Ellis Engineering, Inc., also located in Jacksonville. Ellis has served 38 years in his current profession, and he has served 13 years as the owner of Legacy Engineering.

A member of ACI since 1981, he has served as an instructor, examiner, and proctor for ACI certification programs since the early 1980s. He has also served as a Florida First Coast Chapter – ACI Board member in every capacity for more than 30 years. Ellis helps organize the Florida First Coast Chapter – ACI Awards

annually, constructing over 40 awards each year out of concrete.

His recent research included a study on durable concrete and surface resistivity testing, which was performed in conjunction with the Florida Department of Transportation State Materials Office. He has also performed research on mass concrete and in-place temperature monitoring, crushed concrete base materials, high-strength flexural concrete, fiber-reinforced flexural concrete, econcrete base materials, roller-compacted concrete, latex modified concretes, as well as many other topics. Ellis provides concrete mixture designs for the majority of the concrete pavement and specialty concrete projects done in the area.

He is also a member of the American Society of Civil Engineers (ASCE) and ASTM International.

Ellis received his BS in civil engineering from the University of Florida, Gainesville, FL, in 1986. He is a licensed professional engineer in Florida.

Awards

“for leadership, dedication, and tireless efforts to advance the Northwest Mexico Chapter – ACI”

Arturo Gaytan-Covarrubias, See Fellows.

“for dedication to the advancement of the goals of the CIB of NYC Chapter – ACI through continued and ongoing activities”



William J. Lyons III, FACI, is the National Development Manager for the Northeast Region for The Euclid Chemical Company since 2012 and is based out of its regional office in East Brunswick, NJ.

He became an ACI Fellow in 2007. Lyons is Chair of ACI Committee 306, Cold Weather Concreting, and is a member of ACI Committees 207, Mass and Thermally Controlled Concrete; 232, Fly Ash in Concrete; and the Hot Topic Committee. He served as a member of the ACI Marketing Committee and Chapter Activities Committee and is past Chair of the Convention Committee. He was a Co-Chair of the 2005 Spring ACI

Convention in New York City, NY.

Lyons has served as President of the National Capital Chapter – ACI, 2016; New Jersey Chapter – ACI, 2005-2006; and the Concrete Industry Board, New York City Chapter – ACI, 2007-2008. He has also served as the Vice President of the Eastern Pennsylvania Chapter – ACI, 1993.

Lyons served as the Concrete Industry Board Awards Dinner Chair, 1998-2012; the Awards Chair, 2009-2012; and as a dinner chair/emcee for the Concrete Industry Board Leader of Industry Dinner in 1999, 2015, and 2017. He was also the Awards Dinner Chair 2015-2017 for the National Capital Chapter – ACI. He was the recipient of the 2009 CIB Past President Award.

Lyons has over 33 years of experience in the concrete construction industry, serving as an engineering representative for a large admixture company, a technical representative for a fly ash marketing company, an engineering representative for a national ready mixed company, and the Executive Director for the Concrete Industry Board of New York.

Lyons received his bachelor's degree of business administration in marketing from Iona College, New Rochelle, NY, in 1981.

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 demonstrated creativity and innovation in the classroom that enhance the learning of students and faculty alike”



Matthew D. Lovell is an Associate Professor in the Department of Civil and Environmental Engineering at Rose-Hulman Institute of Technology, Terre Haute, IN, where he has served as an Engineering Faculty Member for over 6 years. He has over 12 publications and presentations on pedagogical innovations. Lovell also serves as the Director for Making Academic Change Happen (MACH), a program focused on helping change leaders develop the skills needed to implement changes on their campuses.

He is a member of ACI Committee S802, Teaching Methods and Educational Materials; and Joint ACI-ASCE Committee 343, Concrete Bridge Design. Lovell has authored a chapter for the revised “Analysis and Design of Reinforced Concrete Bridge Structures” from ACI Committee 343. He has presented at ACI conventions. Lovell volunteered for the new Member Development Position for ACI Student and Young Professional Activities Committee (SYPAC). He is also a member of the American Society of Civil Engineers (ASCE).

His research interests include entrepreneurial-minded learning, experiential learning, academic change, integral abutment bridges, and reinforced concrete structures.

Lovell received his BS in civil engineering from Rose-Hulman Institute of Technology in 2006; and his MS and PhD in civil engineering from Purdue University, West Lafayette, IN, in 2008 and 2010, respectively. He is a licensed professional engineer in Indiana.

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 exceptional work leading to the development and acceptance of high-strength reinforcing steel for concrete construction and its adoption into Codes and Standards”



Conrad Paulson, FACI, is a Principal in Structural Engineering at Wiss, Janney, Elstner Associates, Inc. (WJE), where he has been employed for the past 35 years. He currently works at WJE’s Pasadena, CA, office, and previously was located at the firm’s Chicago, IL, and Northbrook, IL, offices. Paulson has authored or co-authored several dozen technical reports and papers.

He is a past Chair of ACI Committees 215, Fatigue of Concrete; 439, Steel Reinforcement; and is a member of ACI Committees 369, Seismic Repair and Rehabilitation; and 439, Steel Reinforcement; and ACI Subcommittees 318-B, Anchorage and Reinforcement; 318-R, High Strength Reinforcement; and 369-A, General Provisions. Paulson is a consulting member to several ACI committees. He was elected a Fellow of ACI in 2005, and is a member of the American Society of Civil Engineers (ASCE).

His research interests include properties of steel reinforcement for concrete, anchorage, development, and mechanical splicing of deformed bar reinforcement, elastic and inelastic fatigue of reinforcement, and historical structural systems, with a focus on historical ferrous metals and structural clay tile arches. His earliest involvement in research related to reinforced concrete structures was when he was a summer intern at the structural engineering laboratory at the Portland Cement Association (PCA) more than 40 years ago.

Paulson received his BS in civil engineering from the Illinois Institute of Technology, Chicago, IL, in 1979, and his MS in engineering from The University of Texas at Austin, Austin, TX, in 1982. He is a licensed professional engineer or structural engineer in several states.

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 the advancement of concrete technology through student advising, exemplary service to the profession, and innovative research on shrinkage reducing admixtures, internal curing, material transport characterization with the formation factor, freeze-thaw modeling, and deicing salt damage”



Jason Weiss, FACI, is the Miles Lowell and Margaret Watt Edwards Distinguished Chair in Engineering, Head of Civil and Construction Engineering, and the Director of the Kiewit Center for Infrastructure and Transportation Research at Oregon State University, Corvallis, OR. He has also authored or co-authored over 375 technical papers with more than 190 refereed journal publications.

Weiss is the inaugural Editor-in-Chief of the *ACI Materials Journal* Editorial Board. He is Chair of ACI Committee 231, Properties of Concrete at Early Ages and is a member of ACI Committee 213, Lightweight Aggregate and Concrete; and ACI Subcommittee 318-A, General, Concrete, and Construction. Weiss previously served on the ACI Committee on Nominations and Committees 123, Research and Current Developments; 201, Durability of Concrete; 209, Creep and Shrinkage in Concrete; 365, Service Life Prediction; 522, Pervious Concrete; and Joint ACI-ASCE 446, Fracture Mechanics of Concrete. He received the 2004 ACI Walter P. Moore, Jr. Faculty Achievement Award and the 2009 and 2014 Wason Medal for Materials Research. He is also a member of the American Society of Civil Engineers (ASCE), ASTM International, and the International Union of Laboratories and Experts in Construction Materials, Systems and Structures (RILEM).

His research group has performed research in the areas of shrinkage and shrinkage cracking mitigation, the ring and dual ring test, electrical resistivity and the formation factor, use of internally cured concrete, reducing freezing-and-thawing and deicing salt damage, and concrete pavement durability.

Weiss received his BAE in architectural engineering from Pennsylvania State University, University Park, PA, in 1995, and his MS and PhD in civil engineering from Northwestern University, Evanston, IL, in 1997 and 1999, respectively.

ACI Foundation Awards

JEAN-CLAUDE ROUMAIN INNOVATION IN CONCRETE AWARD

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

“in recognition of significant research and implementation of innovative technologies in concrete materials, particularly the development of epoxy and polymer overlays for bridge deck protection and other construction innovations that have enhanced the concrete restoration and repair industry”



Michael M. Sprinkel is Associate Director at the Virginia Transportation Research Council, Charlottesville, VA, where he has served in various research and management positions since 1972. He has published more than 180 papers and reports.

Sprinkel is Chair of ACI Subcommittee 546-D, Packaged Repair Materials, and is past Chair of ACI Committees 345, Concrete Bridge Construction, Maintenance, and Repair; and 503, Adhesives. He is a member of ACI Committees 345; 546, Repair of Concrete; 548, Polymers and Adhesives for Concrete; and 563, Specifications for Repair of Structural Concrete

in Buildings. Sprinkel is past Chair of the Construction Standards Committee, and previously served on the Technical Activities Committee and Board of Directors. He is a member of the ACI Foundation Concrete Research Council. Sprinkel received the 2012 ACI Foundation Robert E. Philleo Award. He is a Fellow of the American Society of Civil Engineers (ASCE) and the Post-Tensioning Institute (PTI). He is Member Emeritus of TRB Committees AFN20, Concrete Properties; and AHD40, Polymer Concretes, Adhesives and Sealers.

His research interests include the protection, repair, rehabilitation, and replacement of concrete structures.

Sprinkel received his BS and ME in civil engineering from the University of Virginia, Charlottesville, VA, in 1972 and 1975, respectively. He is a licensed professional engineer in Virginia.

Awards

Chapter Awards

CITATIONS OF EXCELLENCE

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

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

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

For chapters in the United States, there are 100 possible points. Those chapters receiving 70 or more points are deemed to have achieved a ranking of “excellent.” Those receiving a minimum of 55 points up to a maximum of 69 points are accorded “outstanding” status.

Excellent Chapters 2017

Arizona
Carolinas
Central and Southern Mexico
Georgia
India
Intermountain
Kansas
Las Vegas
Louisiana
Maryland
Missouri
National Capital
Northeast Mexico
Northern California and Western Nevada
Ontario
Peru
San Antonio
San Diego
Singapore
Southern California

Outstanding Chapters 2017

Basra
Central Texas
Concrete Industry Board
Eastern Pennsylvania and Delaware
Ecuador
Greater Miami Valley
Guatemala
Illinois
Nebraska
New Jersey
New Mexico
Pittsburgh Area
Qatar
Quebec and Eastern Ontario
Virginia
Washington

Awards

University Awards

ACI AWARD FOR UNIVERSITY STUDENT ACTIVITIES

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

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

2017 Excellent University Award

Arizona State University (USA)

Auburn University (USA)

Missouri University of Science and Technology
(USA)

New Jersey Institute of Technology (USA)

North Carolina State University (USA)

Oklahoma State University (USA)

Pittsburg State University (USA)

Polytechnic University of Puerto Rico (USA)

San Jose State University (USA)

Universidad Autónoma de Nuevo León
(Mexico)

Universidad de Cuenca (Ecuador)

Universidad Nacional Federico Villarreal (Peru)

Universidad Rafael Landívar, Campus Central
(Guatemala)

Universidad San Francisco de Quito (Ecuador)
University of Arkansas (USA)

University of Balamand (Lebanon)

University of Houston, Downtown (USA)

University of Illinois at Urbana-Champaign (USA)

University of Louisiana at Lafayette (USA)

University of Miami, College of Engineering (USA)

University of Minnesota, Duluth (USA)

University of Puerto Rico, Mayagüez (USA)

University of Texas at Austin (USA)

Université de Sherbrooke (Canada)

Valparaiso University (USA)

Awards

2017 Outstanding University Award

Arab Academy for Science, Technology, & Maritime Transport (Egypt)	Universidad Autonoma del Estado de Mexico
British Columbia Institute of Technology (Canada)	Universidad de Colima (Mexico)
California State University, Chico (USA)	Universidad de San Carlos, Facultad de Arquitectura (Guatemala)
Escuela Colombiana de Ingeniería Julio Garavito (Colombia)	Universidad de San Carlos, Facultad de Ingeniería (Guatemala)
Escuela Superior Politécnica del Litoral (Ecuador)	Universidad de Sonora (Mexico)
Facultad de Ingeniería – BUAP (Mexico)	Universidad Galileo (Guatemala)
Florida International University (USA)	Universidad Nacional de Ingeniería (Peru)
Indian Institute of Technology Madras (India)	Universidad Nacional de Trujillo (Peru)
Instituto Politécnico Nacional (Mexico)	Universidad Nacional Mayor de san Marcos (Peru)
Instituto Tecnológico de La Paz (Mexico)	Universidad Peruana de Ciencias Aplicadas (Peru)
King Fahd University of Petroleum and Minerals (Saudi Arabia)	Universidad Rafael Landívar, Quetzaltenango (Guatemala)
Middle Tennessee State University (USA)	Universidad Rafael Landívar, Verapaz (Guatemala)
Morgan State University (USA)	Universidad Ricardo Palma (Peru)
NED University of Engineering and Technology (Pakistan)	Universidad San Ignacio de Loyola (Peru)
Ohio State University (USA)	University of Asia Pacific (Bangladesh)
Purdue University (USA)	University of Georgia, College of Engineering (USA)
Rose-Hulman Institute of Technology (USA)	University of Maryland (USA)
UMG, Arquitectura, Antigua (Guatemala)	University of Missouri Kansas City (USA)
UMG Arquitectura, Guatemala	University of North Carolina at Charlotte (USA)
UMG Arquitectura, Huehuetenango (Guatemala)	University of Victoria (Canada)
UMG, Campus Jutiapa (Guatemala)	University of Virginia (USA)
UMG Ingeniería Quetzaltenango (Guatemala)	University of Wisconsin–Platteville (USA)

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

*Message from the
Chair of the ACI
Foundation Trustees*



Since I joined the ACI Foundation Board of Trustees 12 months ago as the new Chair, I've gained a deep appreciation of the importance of the Foundation and how it is so well positioned to simultaneously advance ACI and the industry. In fact, I went from knowing little about the Foundation to becoming a life-long advocate.

What did I learn over these past 12 months? When I step back and look at what the ACI Foundation does in the "Big Picture," I see research, scholarships, and strategic development. What could be more important to our institute and the concrete industry than identifying and growing new approaches or ideas through research, attracting and encouraging the best talent to join our Institute and industry, and continually identifying and addressing strengths, weaknesses, threats, and opportunities within the concrete industry? That is why I see the ACI Foundation as a key component of our Institute and a group that can make a lasting difference on the concrete industry as we are "Always Advancing."

We are all committed to ensuring that our communities remain safe, sustainable, and innovative to withstand the test of time and carry our traditions into the future just as our ancestors have shown us using concrete in the past. The Foundation provides a dynamic method for making this vision a reality.

Currently the Foundation is partnering with ACI to:

- Launch new fellowships
- Fund innovative research that has a direct impact on ACI's mission
- Identify and foster new technologies critical to the long-term viability of the concrete industry

Although much has already been accomplished, there is still much important work to be done!

As I transition from my role as ACI Foundation Chair to ACI Vice President, I can assure you my passion and belief in the Foundation will continue and will be a cornerstone of my efforts on the ACI Board and Executive Committee. However, as with any important mission, it takes the combined efforts of many to achieve success...that's where each of you can make a transformational difference in our industry.

I am challenging you to play a critical role in the future of our dynamic industry. To accomplish the overall vision of ACI, we need your brilliance, your volunteerism and your dedication to the future of the concrete community. Over the next year, we are looking forward to introducing ways that you can share your gifts with our industry through the Foundation. Learn more by visiting our website at www.acifoundation.org. Be an active volunteer, empower the future, and honor the past by learning how we can celebrate our many accomplishments!

Chair
Jeffrey Coleman
The Coleman Law Firm, LLC



ACI Foundation strives to improve the concrete industry and your assistance was critical to the positive outcomes the ACI Foundation experienced in 2017. Many individuals and companies contributed, whether through financial support, time, or expertise, all of which will support the lasting success of the concrete industry. With your help, in 2017, we:

- Provided \$200,000 for research projects that have a direct impact on ACI Technical committees;
- Contributed \$65,000 to new technology initiatives;
- Hosted two successful Technology Forums which explored integration of concrete durability into building codes and how international entities approach this task and the significance of how new technologies can positively impact concrete construction;
- Awarded \$100,000 in fellowships and scholarships to 17 deserving students; and
- Created a new fellowship award, the Don Marks Memorial Fellowship, through funding from our contractor sponsors and industry supporters.

www.acifoundation.org



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www.concrete.org/chapters





American Concrete Institute

Always advancing