



aci CONCRETE
CONVENTION

THE WORLD'S GATHERING PLACE FOR ADVANCING CONCRETE

2024 AWARDS PROGRAM

MARCH 24-28, 2024

Hyatt Regency New Orleans, New Orleans, LA, USA

Table of Contents

2024 Listing of Awardees.....	2-3
Honorary Members.....	4-10
50-Year Membership Citations	11
Fellows.....	12-26
Henry L. Kennedy Award	27-28
ACI Strategic Advancement Award	29
ACI Young Member Award for Professional Achievement	30-32
Walter P. Moore, Jr., Faculty Achievement Award.....	33
ACI Certification Award	34-36
Chapter Activities Award.....	37-39
Delmar L. Bloem Distinguished Service Award.....	40-41
Arthur J. Boase Award	42
Robert E. Philleo Award.....	43
Jean-Claude Roumain Innovation in Concrete Award	44
Building the Future Award.....	45
Chapter Awards.....	46
Student Chapter Awards	47-49

2024 Listing of Awardees

The following individuals will be receiving awards at the 2024 Spring ACI Concrete Convention.

HONORARY MEMBERSHIP

Ronald G. Burg	Michael J. Schneider
Jenn-Chuan Chern	Carol K. Shield
Cecil L. Jones	

50-YEAR MEMBERSHIP

Mark Steven Barter	Sheffee Solomen Lulkin
Ronald John Ciccone	Jay H. Paul
Mark R. Cipolone	Charles S. Reising
Jo Coke	Robert Charles Richardson
Jatin A. Desai	Murat Saatcioglu
Gary William Groff	James Adrian Van Wyk

FELLOWS

Salah Altoubat	Carol Hayek	Radhouane Masmoudi
Anthony Frederick Bentivegna	Mike Hernandez	Nigel Keith Parkes
Jacques A. Bertrand	Jason H. Ideker	Rolf Pawski
David W. Buzzelli	Maria Kaszyńska	Nicholas J. Sorrentino
Mi Geum Chorzepa	Charles Kerzic	Christopher R. Tull
James A. Farny	Ron Kozikowski	Widianto
	Rémy D. Lequesne	Jason D. Wimberly

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

2024 Listing of Awardees

PERSONAL AWARDS

HENRY L. KENNEDY AWARD

Arturo Gaytan-Covarrubias

ACI STRATEGIC ADVANCEMENT AWARD

Dawn Miller

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

William Squyres • Jovan Tatar • Heather K. Todak

WALTER P. MOORE, JR. FACULTY ACHIEVEMENT AWARD

Sriramya Duddukuri Nair

SERVICE AWARDS

ACI CERTIFICATION AWARD

Gareth David and Ramanbhai J. Mangabhai - The Institute of Concrete Technology • Mark E. Dornak • Andrew R. Lawrence

CHAPTER ACTIVITIES AWARD

Nariman J. Khalil • Anabel N. Merejildo • Raghuvir K. Salkar

DELMAR L. BLOEM DISTINGUISHED SERVICE AWARD

Peter Barlow • Michael C. Brown • Thomas Schumacher

ACI FOUNDATION AWARDS

ARTHUR J. BOASE AWARD

Zdeněk P. Bažant

ROBERT E. PHILLEO AWARD

Charles A. Weiss Jr.

JEAN-CLAUDE ROUMAIN INNOVATION IN CONCRETE AWARD

Marc Jolin

BUILDING THE FUTURE AWARD

Neil M. Hawkins

Honorary Members

*Honorary membership—
The Institute’s highest honor
recognizes “a person
of eminence in the field of
the Institute’s interest, or
one who has performed
extraordinary meritorious
service to the Institute.”
(Bylaws, Article III, Section 2.)
Established in 1926, 283 have
been elected to this position.*

Honorary Members

“for his outstanding and visionary leadership of the American Concrete Institute, his development of valuable relationships throughout ACI’s global network, and his many exemplary contributions to the concrete industry”



Ronald G. Burg, FACI, is the former Executive Vice President (EVP) of ACI, where he served for 13 years. He became EVP in 2010, the seventh person to hold that position in ACI history. Burg also previously served as Vice President (1983 to 2010) at CTLGroup, Skokie, IL, USA. As ACI EVP, Burg also served as President of the ACI Foundation and its three councils, as well as President of Advancing Organizational Excellence (AOE), ACI’s for-profit subsidiary.

Burg began his extensive concrete and construction industry career with Professional Service Industries, Inc., as a Staff Engineer, Manager of Construction Services, and eventually Quality Assurance Coordinator at the LaSalle Nuclear Power Plant. In 1983, Burg joined CTLGroup as a Research Engineer, and then moved up the ranks as Quality Assurance 2 Coordinator, Senior Research Engineer, Manager of Fire/Thermal Technology, Director of Materials Technology, Principal Engineer, and eventually Vice President. During his career at CTLGroup he specialized in litigation, arbitration, and claims support for concrete technology issues, including compliance, construction methodology, strength assessment, durability issues, and in-place performance.

An ACI member since 1984, Burg is a Fellow of ACI. He previously served on the ACI Board of Direction and is a past member and past Chair of the ACI Technical Activities Committee and ACI Committee 363, High-Strength Concrete. He has also served on ACI Committees 130, Sustainability of Concrete; 132, Responsibility in Concrete Construction; 209, Creep and Shrinkage in Concrete; 213, Lightweight Aggregate and Concrete; and 311, Inspection of Concrete; and Joint ACI-TMS Committee 216, Fire Resistance and Fire Protection of Structures. Additionally, he served on the Certification Programs Committee, Educational Activities Committee New Programs Task Force, and Financial Advisory Committee. He is also a member or past member of several other industry associations, including the Construction Institute of the American Society of Civil Engineers (ASCE), the Precast/Prestressed Concrete Institute (PCI), and ASTM International.

Burg and his co-authors received the 2001 ACI Wason Medal for Materials Research for their *Concrete International* article “Compression Testing of HSC: Latest Technology.” He also received the 2000 Frank G. Erskine Award for

Honorary Members

“Outstanding Contribution to Uses of Lightweight Aggregate in Concrete” from the Expanded Shale, Clay and Slate Institute (ESCSI).

Burg has authored numerous papers and publications dealing with the response of cementitious materials to elevated temperatures and harsh environmental conditions; the design, analysis, and production of high-strength concrete and lightweight concrete; thermal performance of various building materials; long-term, nonelastic behavior of concrete; and heat development in high-strength concrete mixtures.

He received his BS in civil engineering from Iowa State University, Ames, IA, USA, and is a Distinguished Alumni of the university’s Department of Civil, Construction and Environmental Engineering. In 2021, Burg and Jeffrey W. Coleman, ACI Past President and Iowa State graduate, donated 75,000 USD to the ACI Foundation to establish the Burg-Coleman Iowa State ’77 Fellowship. Burg is, or has been, a licensed professional engineer in Arizona, Illinois, Michigan, New York, and North Carolina.

Honorary Members

“for his lifetime contributions to ACI regarding international collaborations with the ACI Taiwan Chapter and other concrete and engineering societies, and for increasing knowledge about concrete properties and special applications”



Jenn-Chuan Chern, FACI, is a Professor Emeritus in the Department of Civil Engineering at National Taiwan University, Taipei, Taiwan, and CEO of the Tang Prize Foundation.

He has been actively involved in the committee work of ACI for nearly three decades and is a member of ACI Committee 209, Creep and Shrinkage in Concrete. He served as President of the ACI Taiwan Chapter (1996 to 1998), which received the ACI Outstanding Chapter award in 1997.

He has been an inspirational leader for the concrete construction industry in Taiwan, Asia-Pacific, and the world, not only through his noteworthy academic research but also as a key figure in various organizations that focus on the development, promotion, and dissemination of state-of-the-art technologies in the field of construction. During his tenure as a Professor at National Taiwan University, he led the development and promotion of several new cementitious materials and concrete. His research efforts in developing and promoting self-consolidating concrete (SCC) and high-performance concrete are internationally recognized and were crucial in implementing SCC in the Taiwanese practice. Further, his extensive research on the use of fly ash and slag cement and its subsequent implementation in infrastructure projects in Taiwan made him the first recipient of the “Outstanding Waste Reduction Award” conferred by the Taiwan government. He also made significant contributions to the formulation of creep, shrinkage, and temperature design specifications in Taiwan. In the latter half of his academic career, he initiated the “New Generation High Strength RC Project,” which has produced many beneficial results and enabled the use of high-strength steels in reinforced concrete (RC) construction.

His innate leadership skills and profound understanding of the subject led the Taiwan government to appoint him as Minister without Portfolio and Minister of the Public Construction Commission, which formulates the national economic stimulus plan on public infrastructure. In 2010, he prepared the white paper “Sustainable Public Works—Energy Conservation and Carbon Reduction,” introducing life-cycle management and durability requirements to achieve sustainable goals.

He received his BS from National Taiwan University in 1976; his MCE from Rice University, Houston, TX, USA, in 1980; and his PhD from Northwestern University, Evanston, IL, USA, in 1984, all in civil engineering.

Honorary Members

“for his lifetime achievements in construction, materials, quality management, specification development, research, and directing positive changes in ACI Education”



Cecil L. Jones, F.A.C.I., is the President of Diversified Engineering Services (DES), Inc., located in Raleigh, NC, USA. Prior to establishing DES, Inc., he was the State Materials Engineer at the North Carolina Department of Transportation in Raleigh. He has over 45 years of experience in construction, materials, quality management, specification development, and research.

Jones is a Fellow of ACI and is past Chair of the ACI Educational Activities Committee and ACI Committee C601, New Certification Programs. He is a member and past Chair of ACI Committees E905, Training Programs, and 308, Curing Concrete; and a member of ACI Committees C610, Field Technician Certification; C630, Construction Inspector Certification; C631, Concrete Transportation Construction Inspector Certification; 132, Responsibility in Concrete Construction; and 555, Concrete with Recycled Materials. Jones is also a member of the ACI Foundation Scholarship Council, has served on the ACI Board of Direction, and is active in the ACI Carolinas Chapter. In addition, he is a member of ASTM Committees C09, Concrete and Concrete Aggregates; D04, Road and Paving Materials; and D18, Soil and Rock.

Jones received the 2021 ACI Education Award and the 2015 ACI Henry L. Kennedy Award. He received his BS in civil engineering from North Carolina State University, Raleigh, NC, in 1973. He is a licensed professional engineer in North Carolina.

Honorary Members

“for his leadership as ACI President in 2016; his lifetime dedication to strategic contribution, concrete construction, and the ACI Foundation; and developing positive connections between ASCC and ACI”



Michael J. Schneider, FACI, is Senior Vice President and Chief People Officer at Baker Concrete Construction, Inc., in Monroe, OH, USA, celebrating 46 years with Baker this year. He has been the company champion of Baker’s Incident and Injury Free (IIF) program. He also serves on the Board of Directors for NEU: An ACI Center of Excellence for Carbon Neutral Concrete. NEU’s mission is to drive education, awareness, and adoption of carbon-neutral concrete materials and technologies.

Schneider has been a member of ACI since 1981, served as President from 2016 to 2017, and is a member of the *Concrete International Award Committee* and ACI Committees S801, Student Competitions; 132, Responsibility in Concrete Construction; and 134, Concrete Constructability; as well as Joint ACI-ASCC Committee 117, Tolerances. He has also served on the ACI Financial Advisory Committee and is Past President of the American Society of Concrete Contractors (ASCC).

Schneider was named a Fellow of ACI in 2006. He received the 2011 ACI Roger H. Corbetta Concrete Constructor Award and the 2021 ACI Foundation Knowledge to Practice Award.

Schneider has been highly engaged and has served the ACI Foundation and its councils for over a decade, most recently as past Chair of the ACI Foundation. He is past Chair of the Strategic Development Council (SDC) (now the Concrete Innovation Council [CIC]), a longtime member of the Concrete Research Council (CRC), and has worked with the Scholarship Council on ensuring recurring commitments for the three Baker fellowships since their inception in 2008. He has also served on the ACI Foundation Development Committee. In that role, he secured over 40,000 USD for the ACI Foundation by using his network with the ACI Greater Miami Valley Chapter to match the ACI Foundation annual appeal 2 years in a row. He recently met with several ACI Past Presidents to discuss the growth, opportunities, and programs of the ACI Foundation. Schneider has worked to engage the ACI Board of Direction and ACI Foundation Board of Trustees to help secure 100% Board giving and personally contributes every year to the Foundation. He continues to help build and sustain a culture of philanthropy within the organization through cultivation and stewardship while dedicating time and attention to helping students, researchers, and innovation in the concrete industry.

Honorary Members

“for her outstanding contributions as an educator, researcher, and leader, including her tireless service to the profession in developing guidelines and standards for the design of structural concrete reinforced with glass fiber-reinforced polymers”



Carol K. Shield, FACI, retired from the University of Minnesota, Minneapolis, MN, USA, in September 2020 and became a Professor Emeritus. Upon her retirement, she poured herself into the completion of ACI CODE-440.11-22, “Building Code Requirements for Structural Concrete Reinforced with Glass Fiber-Reinforced Polymer (GFRP) Bars—Code and Commentary.”

Shield’s significant contributions to the concrete industry have stemmed from her research and professional activities focused on fiber-reinforced polymer (FRP) reinforcement in concrete, the development of testing methods for seismic simulation, and the improvement of models to describe the behavior of prestressed concrete bridge members.

She has authored over 100 publications, with a large focus of those publications on reinforced and prestressed concrete. Her background in engineering mechanics and mechanical engineering provided a strong foundation for the technical advancements she made toward understanding the behavior of reinforced and prestressed concrete structural systems, as well as in the development of test methods. She played a pivotal role in developing standards for structural concrete reinforced with GFRP bars. This effort culminated in the publication of ACI CODE-440.11-22 in September 2022 and the adoption of that code by the International Building Code (IBC) in November 2022 for inclusion in the 2024 IBC.

She is a member of the ACI Committee on Nominations; ACI Committee 440, Fiber-Reinforced Polymer Reinforcement; and Joint ACI-ASCE Committees 408, Bond and Development of Steel Reinforcement, and 423, Prestressed Concrete. She received the 2015 ACI Delmar L. Bloem Distinguished Service Award.

Shield received her BS in engineering (with distinction) and BA in mathematics (with distinction) from Swarthmore College, Swarthmore, PA, USA, in 1984; her MS in mechanical engineering from Rensselaer Polytechnic Institute, Troy, NY, USA, in 1986; and her PhD in theoretical and applied mechanics from the University of Illinois Urbana-Champaign, Urbana, IL, USA, in 1991.

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.



Jo Coke



Jatin A. Desai



Murat Saatcioglu

NOT PICTURED:

Marc Steven Barter
Ronald John Ciccone
Mark R. Cipolone
Gary William Groff
Sheffee Solomen Lulkin
Jay H. Paul
Charles S. Reising
Robert Charles Richardson
James Adrian Van Wyk

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 III, Section 3)

Created in 1973, 603 members now hold the position of Fellow.

They are recommended by the Fellows Nomination Committee and elected by the Board of Direction.

Fellows



Salah Altoubat is a Professor of civil and environmental engineering at the University of Sharjah, Sharjah, United Arab Emirates (UAE). He has authored or co-authored over 100 peer-reviewed articles, and is a co-inventor of two U.S. patents that led to a commercial product. He has industrial and academic experience in North America and the Middle East. His expertise spans materials engineering, structural engineering, and civil engineering infrastructure.

Altoubat is a member of ACI Committees S803, Faculty Network Coordinating Committee; 440, Fiber-Reinforced Polymer Reinforcement; 544, Fiber Reinforced Concrete; and 564, 3-D Printing with Cementitious Materials; as well as ACI Subcommittees 544-C, FRC-Testing, and 544-D, FRC-Structural Uses. He is also a member of the ACI UAE Chapter and the Founder and Advisor of the ACI University of Sharjah Student Chapter. He is Chair of the ACI UAE Chapter Committee on 3-D Concrete Printing. He is also a member of the ASTM International UAE Chapter.

He received the 2003 ACI Wason Medal for Most Meritorious Paper.

His research interests include sustainability, printability and durability aspects of concrete, structural applications of fiber-reinforced concrete, fiber-reinforced polymer, and advanced concrete technology.

Altoubat received his BS in civil engineering from Yarmouk University, Irbid, Jordan, in 1987; his MS in structural engineering from Jordan University of Science and Technology, Irbid, Jordan, in 1990; and his PhD in civil engineering from the University of Illinois Urbana-Champaign, Urbana, IL, USA, in 2000.



Anthony Frederick Bentivegna is a Principal Engineer with Durability Engineers in Grand Rapids, MI, USA. He has been with Durability Engineers for 2 years and provided engineering consulting services for over 10 years on new and existing structures around the world.

Bentivegna is Secretary of ACI Committee 321, Concrete Durability Code, and a member of ACI Committees 201, Durability of Concrete; and 323, Low-Carbon Concrete Code; and ACI Subcommittee 350C-C, Materials and Durability. He is also a member of ASTM International.

His research interests include concrete durability, aggregate reactions in concrete, novel cementitious materials, nondestructive testing, and concrete repair.

Bentivegna received his BS in civil engineering from the Georgia Institute of Technology, Atlanta, GA, USA, in 2007, and his MS and PhD in civil engineering from The University of Texas at Austin, Austin, TX, USA, in 2009 and 2012,

Fellows

respectively. He is a licensed professional engineer in Florida, Georgia, Hawaii, Illinois, Kansas, Maryland, Michigan, Nebraska, New Hampshire, New York, North Carolina, South Carolina, Texas, Virginia, Washington, and Washington, DC.



Jacques A. Bertrand is the Founder and former Owner of Béton Mobile du Québec (1979 to 2019) and Ambex Concrete Technologies (1990 to 2022)—two companies involved in the repair, preservation, and conservation of concrete structures and infrastructure. He retired in 2022 after over 40 years in the concrete repair industry and serves as a concrete consultant for several organizations.

Bertrand has been actively involved in the ACI Québec and Eastern Ontario Chapter for over 40 years and served on the Chapter Board of Directors for numerous years. He is a member of ACI Task Groups 355-TG5, Post-Installed Rebar Task Group, and 548-TG1, Updating Guide for the Use of Polymers in Concrete. He is a past member of ACI Committees C680, Adhesive Anchor Installer Certification; 304, Measuring, Mixing, Transporting, and Placing Concrete; 355, Anchorage to Concrete; 548, Polymers and Adhesives for Concrete; and 552, Cementitious Grouting. Bertrand is a Fellow of the International Concrete Repair Institute (ICRI). In addition, he is a consulting member of the Technical Advisory Board of the Centre de Recherche sur les Infrastructures en Béton (CRIB) and was a participant and industry sponsor of the Industrial Chair on Shotcrete and Concrete Repair at Laval University, Québec City, QC, Canada (1995 to 2003).

He is the author of numerous technical papers and presentations in Canada and internationally, and he has lectured regularly at Canadian universities as well as construction industry associations, government agencies, engineers, and ACI and ICRI events promoting innovative concrete repair materials and solutions.

His passion for concrete led to his participation in numerous industry and university research projects, notably on polymer-modified concretes, cementitious anchorage in concrete, shotcrete, self-consolidating concretes, rapid-setting concretes, and concrete repair methods and solutions, as well as the development of specialty and value-added concretes produced using volumetric mixers.

Bertrand received his Bachelor of Applied Science degree in civil engineering from Queen's University, Kingston, ON, Canada, in 1967. He is a licensed professional engineer in Québec, Canada.

Fellows



David W. Buzzelli has been the Vice President and Partner at Texas A&M Concrete, LLC, headquartered in Houston, TX, USA, since 2012. He started his career in concrete construction in 1989 by volunteering his time to build churches in the local community while still attending high school. Buzzelli decided to pursue a career in concrete construction and joined a Houston-based company as a concrete finisher. Throughout the years, he progressed his career through various roles and companies within the industry, including Field

Superintendent, Project Manager, and Operations Manager, before becoming Vice President of Texas A&M Concrete, LLC.

After joining ACI in 2007, he became a Board member of the ACI Houston Chapter in 2011, and President of the Chapter in 2014. Buzzelli is past Secretary and current Chair of ACI Committee C640, Craftsman Certification, Chair of ACI Subcommittee 117-K, Tilt-Up Concrete, and a member of ACI Committees C650, Tilt-Up Constructor Certification; 302, Construction of Concrete Floors; 330, Concrete Parking Lots and Site Paving; 360, Design of Slabs on Ground; and 551, Tilt-Up Concrete Construction; as well as Joint ACI-ASCC Committee 117, Tolerances. He is also an Examiner for ACI Concrete Flatwork Finisher certification.

He is passionate about educating his customers and others about concrete by conducting training seminars for ACI Concrete Flatwork Finisher certification and presenting to the local ACI student chapters and at the chapter's Concrete Symposium.

Buzzelli attended San Jacinto College, Houston, TX, from 1994 to 1995 in the construction management program. He has continued his education in the concrete industry through the years by attending ACI seminars, ACI Concrete Conventions, and World of Concrete, as well as through several highly skilled mentors who graciously took him under their wings.



Mi Geum Chorzepa is an Associate Professor of civil engineering at the University of Georgia, Athens, GA, USA. She has held the faculty position for 11 years and authored or co-authored over 100 technical papers and reports. Prior to her academic role, she worked for 5 years at various structural engineering companies and as a consultant.

Chorzepa is Chair of Joint ACI-ASCE Committee 447, Finite Element Analysis of Reinforced Concrete Structures, and is a member of ACI Committees 345, Bridge Construction and Preservation; 349, Concrete Nuclear Structures; and

Fellows

370, Blast and Impact Load Effects. She is also a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI).

Her research interests include analytical and experimental evaluation of concrete structures, including bridge and nuclear safety-related structures and cementitious composite structures, as well as life-cycle cost of structures and infrastructure.

She received her BS in civil engineering from the University of Missouri–St. Louis, St. Louis, MO, USA, in 2004, and her MS and PhD in civil/structural engineering from Washington University in St. Louis, St. Louis, MO, in 2005 and 2009, respectively. Her graduate education was completed at the University of Washington, Seattle, WA, USA, as a Charles Norris Fellow between 2005 and 2006. She has also received a Master of Liberal Arts in finance from Harvard Extension School, Cambridge, MA, USA, in 2022, as continuing education. Chorzepa is a licensed professional engineer in Illinois and has been a Leadership in Energy and Environmental Design Accredited Professional (LEED AP) since 2009.



James A. (Jamie) Farny is Director of Environmental Measurement and Metrics at the Portland Cement Association (PCA). He has served with PCA for 31 years, starting as a Concrete Technician, and working across many areas, including white cement/decorative concrete, masonry, plastering, residential, and market development. He has authored or co-authored more than 75 technical papers, reports, and articles.

Farny is past Chair and Secretary of ACI Committee 332, Residential Concrete Work; past Secretary of ACI Committees 524, Plastering; and 560, Design and Construction with Insulating Concrete Forms; and former Joint ACI/ASCE/TMS Committee ACI 530/TMS 402/ASCE 5, Form and Style and Construction Requirements; and is a member of ACI Committees C670, Masonry Technician Certification; E701, Materials for Concrete Construction; 130, Sustainability of Concrete; 301, Specifications for Concrete Construction; and 380, Structural Plain Concrete; as well as Joint ACI-ASCC Committee 310, Decorative Concrete. He is also a member of ASTM International and The Masonry Society (TMS).

His research interests include cements and blended cements, alkali-silica reaction, masonry mortars and grouts, plaster, high-strength concrete, and the measurement of environmental impacts related to cement manufacture and concrete production and in-service performance.

He received his BS in civil engineering from the Illinois Institute of Technology, Chicago, IL, USA, in 1986.

Fellows



Carol Hayek is the Chief Technical Officer of CCL International and a Lecturer at Johns Hopkins University, Baltimore, MD, USA, where she teaches prestressed concrete design. She specializes in post-tensioned concrete and the use of new technologies.

Hayek is a member of the ACI Board of Direction, Chair of Joint ACI-PTI Committee 320, Post-Tensioned Structural Concrete Code, and a member of ACI Committee 318, Structural Concrete Building Code; Joint ACI-ASCE Committee 423, Prestressed Concrete; and ACI

Subcommittee 318-T, Post-Tensioned Concrete. She is a Fellow of the Post-Tensioning Institute (PTI), past Chair of PTI Committee DC-20, Building Design Committee, and a past member of the PTI Technical Advisory Board. Hayek is a member of International Federation for Structural Concrete (*fib*) Commission 5, Reinforcements.

She has authored several publications and received multiple awards, including the PTI James R. Cagley Medal for the Most Active Technical Committee Chair, the PTI Kenneth B. Bondy Award for the Most Meritorious Technical Paper, and the FM Global/RMS Innovation Award. She has led multiple cutting-edge developments in new products and structural solutions and has worked on projects in the United States and worldwide covering U.S., European, and other international building codes. Her career spans research and development, structural design, sustainability, and repair and strengthening.

Hayek received her MSE and PhD in civil engineering from Johns Hopkins University, and she is a member of the university's Engineering Alumni Leadership Committee, as well as the Co-Chair of the Student & Faculty Engagement Subcommittee. She received her MBA from the ESA Business School, Beirut, Lebanon, in partnership with the ESCP Business School, Paris, France.



Mike Hernandez is the Technical Director for the American Society of Concrete Contractors (ASCC). Prior to joining ASCC, he worked for 26 years in concrete construction as a Project Engineer for Mortenson; various roles over 18 years with Baker Concrete Construction, including Operations Manager and Engineering/BIM Manager; a Senior Project Manager for Parsons Construction Group; and, most recently, Project Manager for All-Phase Concrete.

He has supervised significant projects including two terminal expansions at Miami International Airport; formwork design for 83-, 52-, and 51-story high-rise concrete structures; a distribution center with 223 tilt-up panels; an approximately 3000 ft (900 m) interstate highway bridge; an

Fellows

approximately 9000 ft (2700 m) bridge for a heavy-rail rapid-transit system; a concrete frame at Empower Field at Mile High (the Denver Broncos stadium); and other design-build bridges and tilt-up and commercial concrete building structures.

Hernandez serves on 14 ACI committees, including as Chair of ACI Committee 131, Building Information Modeling of Concrete Structures, and a member of ACI Committees E703, Concrete Construction Practices; 302, Construction of Concrete Floors; and 305, Hot Weather Concreting; Joint ACI-ASCC Committees 117, Tolerances, and 310, Decorative Concrete; and ACI Subcommittees 90-07, Technical Activities Committee (TAC) Productivity and Constructability, and 308-A, Curing-Guide. He is Past President of the ACI South Florida Chapter and a current member of the ACI Rocky Mountain Chapter. Hernandez is Co-Chair of the ASCC Technical, Sustainability, Constructability, and Finishing Committees and oversees the technical content of the ASCC Decorative Concrete Council and Concrete Polishing Council in support of concrete contractors. He is also a member of the National Ready Mixed Concrete Association (NRMCA) Research, Engineering and Standards Committee, and ASTM International.

He received his BENVD and MSCE from the University of Colorado Boulder, Boulder, CO, USA, and his MBA from the University of Florida, Gainesville, FL, USA. Hernandez is a licensed professional engineer in Florida and Colorado. He is also a U.S. Green Building Council LEED Green Associate and a Certified Design-Build Professional.



Jason H. Ideker is the Eric H.I. and Janice Hoffman Professor in Civil and Construction Engineering at Oregon State University (OSU), Corvallis, OR, USA. He has been at OSU for 16 years. He is passionate about education and mentorship and recently led an effort to overhaul the entire first-year engineering curriculum at OSU into what is now known as Engineering+.

He is a member of ACI Committees 201, Durability of Concrete; 231, Properties of Concrete at Early Ages; and 236, Material Science of Concrete. Ideker is also a member of ASTM International. He received the 2014 ACI Young Member Award for Professional Achievement.

Ideker is an international leader and expert in durability of cementitious materials, particularly alkali-silica reaction (ASR), including reaction mechanisms, preventive measures, test methods, and standards development. He is also an internationally recognized expert in hydration, early-age properties, and cracking risk of cement-based materials, particularly those based on calcium-aluminate cements and ettringite-accelerated systems.

Fellows

He received his BSCE from the Georgia Institute of Technology, Atlanta, GA, USA, in 2002, and his MSE and PhD from The University of Texas at Austin, Austin, TX, USA, in 2004 and 2008, respectively.



Maria Kaszyńska is a Professor and Head of the Department of Reinforced Concrete Structures and Concrete Technology at West Pomeranian University of Technology (WPUT) in Szczecin, Poland. She was Dean of the Faculty of Civil Engineering and Architecture at WPUT from 2012 to 2020. She has authored or co-authored over 150 technical papers and reports and served as advisor for 130 MS and six PhD students.

Kaszyńska is a member of the ACI International Advisory Committee. She founded the ACI West Pomeranian University Student Chapter in 2018, the first ACI student chapter in Europe. She is President of the Polish Association of Construction Engineers and Technicians (PZITB) and a member of the Committee on Civil Engineering (KILiW) of the Polish Academy of Sciences (PAN). She is Chair of the Building Materials Section and serves as ACI Liaison with that Committee. Kaszyńska is also Chair of the Organizing Committee of the biannual International Conference on Structural Failures, with over 500 participants, co-sponsored by ACI (16 conferences).

Her research interests include concrete technology, high-performance concrete (HPC), self-consolidating concrete (SCC), early-age properties of concrete, effect of admixtures and additives on properties of concrete, and three-dimensional (3-D) concrete printing.

She has received numerous honors and awards, including the Distinguished Silver Cross, Gold Cross, and Officer's Cross by the President of Poland; the Professor Waław Żenczykowski Medal and Professor Roman Ciesielski Medal of PAN and PZITB; Overall Achievements Award by the Minister of Science and Higher Education, the Honorary Gold Medal with Diamond (PZITB); the Medal of the National Education Commission by the Minister of Science and Higher Education; Honorary Gold Distinction for Service to the West Pomeranian Region; the Polish Hercules 2017 Silver Statuette from *Builder* magazine; and the "Concrete Oscar" at the Concrete Day Awards.

Kaszyńska received her MS and PhD in civil engineering from WPUT in 1977 and 1989, respectively; her DSc (habilitation) from Warsaw University of Technology, Warsaw, Poland, in 2012; and her National Professorship by the President of Poland in 2020.

Fellows



Charles Kerzic is the Area Manager for CalPortland's Materials Division in the Los Angeles Region. He has been in the concrete industry since 1983, with over 32 years with CalPortland.

Kerzic has been an ACI member since 2008, and is a member of ACI Committees 213, Lightweight Aggregate and Concrete; 303, Architectural Cast-in-Place Concrete; and 363, High-Strength Concrete. In 2012, he served as President of the ACI Southern California Chapter. He also served on the Convention Committee for the ACI Concrete

Convention in Anaheim, CA, USA, in 2017.

He received the 2016 Sam Hobbs Service Award from the ACI Southern California Chapter for service to the industry.



Ron Kozykowski specializes in troubleshooting concrete construction issues. With 25 years of concrete construction industry experience, he has been the Vice President of North S.Tarr Concrete Consulting, P.C., Dover, NH, USA, since 2012. Prior to his tenure at North S.Tarr Concrete, he worked for CTLGroup in Skokie, IL, USA, as Research and Materials Engineer; and Concrete Engineering Consultants, LLC, as a Principal Materials and Construction Engineer. Throughout his career, he has developed expertise in a broad range of concrete

materials-related subject matter, with extensive knowledge in concrete repair and forensic analysis, mass concrete, standard and specialty concrete mixture design, specification conflicts, and slab moisture issues. Kozykowski provides strategic analysis and planning for the impact of rain and hot and cold weather on concrete construction projects and is skilled in architectural concrete, color matching, and restoration.

He is Chair of ACI Committee C680, Adhesive Anchor Installer Certification, and ACI Subcommittee 308-A, Curing-Guide, and a member of ACI Committees 207, Mass and Thermally Controlled Concrete; 213, Lightweight Aggregate and Concrete; 301, Specifications for Concrete Construction; 306, Cold Weather Concreting; and 308, Curing Concrete. He has participated as an Examiner for ACI Certification programs, including Concrete Field Testing Technician—Grade I, Concrete Construction Special Inspector, and Adhesive Anchor Installer. Kozykowski is a member of several industry organizations, including ASTM International and the American Society of Concrete Contractors (ASCC).

He is a well-respected and trusted educator, having taught and given technical presentations at ACI, World of Concrete, ASTM International, ASCC, the Architectural Precast Association, and the Portland Cement Association (PCA).

Fellows

He has authored more than 30 technical articles and is co-author of a book focused on slab design for ASCC.

Kozikowski received his BS in civil engineering and MS in materials/structural engineering, both from the University of New Hampshire, Durham, NH. He is a licensed professional engineer in Illinois.



Rémy D. Lequesne is the Stanley T. and Phyllis W. Rolfe Chair's Council Associate Professor in the Department of Civil, Environmental, and Architectural Engineering at The University of Kansas, Lawrence, KS, USA.

He is Chair of Joint ACI-ASCE Committee 408, Bond and Development of Steel Reinforcement; and a member of several ACI committees, including ACI Committee 133, Disaster Reconnaissance; Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures; and ACI Subcommittee 318-J, Joints and Connections. He is also a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI).

Lequesne was awarded the 2016 ACI Wason Medal for Most Meritorious Paper (with co-author Pincheira), the 2017 ACI Young Member Award for Professional Achievement, and the 2022 ACI Mete A. Sozen Award for Excellence in Structural Research (with co-authors Huq, Burgos, and Lepage).

His research interests include reinforced concrete mechanics, earthquake resistance of reinforced concrete members, applications of advanced materials such as fiber-reinforced concrete and high-strength reinforcement, and assessment and repair of existing structures.

Lequesne received his BSE, MSE, and PhD in civil engineering from the University of Michigan, Ann Arbor, MI, USA, in 2005, 2007, and 2011, respectively. He is a licensed professional engineer in Kansas.



Radhouane Masmoudi is a Professor in the Department of Civil and Building Engineering and former Vice-Dean for Research of the Faculty of Engineering at the University of Sherbrooke, Sherbrooke, QC, Canada, where he has worked since 2001.

He is Chair of ACI Subcommittee 440-D, Research Development and Applications. Masmoudi was elected Fellow of the International Institute for FRP in Construction in 2023 and the Canadian Society for Civil Engineering in 2022. Since 2018, he has organized mini and full sessions on different topics of interest to the fiber-reinforced polymer

Fellows

(FRP) reinforcement community at the ACI Concrete Convention. In 2021, he organized four full sessions and was the Editor of ACI SP-356, *Development and Applications of FRP Reinforcements (DA-FRPR'21)*.

His research interests include FRP reinforcements for concrete structures, the design of internal FRP-reinforced concrete structures, and concrete-filled FRP tubes (CFFT).

Masmoudi received his BS in civil engineering from Laval University, Québec City, QC, Canada, in 1989, and his MS and PhD in civil engineering from the University of Sherbrooke in 1992 and 1996, respectively. He is a licensed professional engineer of the Order of Engineers of Québec in Québec, Canada.



Nigel Keith Parkes is President of Parkes Technologies. He has been active in the concrete slab and pavement industry for over 38 years, with experience as a field engineer, distributor, and company executive.

Parkes was born and raised in Worcestershire, UK, moved to the United States in 1987, and took the position of the Southeast Regional Salesman for Permaban North America, Inc. In 1992, he was promoted to National Sales Manager, and in 1996, he became Vice President in charge of all sales and marketing efforts. Together with Russ Boxall, President in charge of manufacturing and finance, they undertook the reinvention of the company by totally changing the company's product line, go-to-market strategy, and company name to PNA Construction Technologies, Inc. Parkes and Boxall co-invented and developed numerous new products, including the industry's first tapered plate dowels, the Diamond Dowel® System, the PD³ Basket® Assembly and Armor-Edge® joint assemblies, and HydraCure™ curing covers. Parkes grew the company's annual sales revenue from 800,000 USD in 1996 to over 27 million USD in 2014 when he identified and negotiated with three qualified buyers, eventually selling the company to Illinois Tool Works (ITW). He stayed at PNA for 6 years under ITW as Director of Business Development, then moved to FORTA Concrete Fiber in 2020.

In 2023, he formed Parkes Technologies, which acts as a manufacturer's representative and distributor of specialty flooring products. His 36 years of experience selling into the North American flooring market and his many friends in the industry (owners, designers, consultants, and contractors) allow him to help manufacturers position their products best for incorporation into the market. Parkes has helped numerous manufacturers, designers, and contractors on a consultancy basis, forming alliances for the development of new flooring systems.

Fellows

Parkes is a member of ACI Committees 302, Construction of Concrete Floors; 325, Concrete Pavements; 330, Concrete Parking Lots and Site Paving; and 360, Design of Slabs on Ground; and ACI Subcommittee 325-A, Pavements-Design. He is also active in other industry associations, including the American Concrete Paving Association (ACPA) and the American Society of Concrete Contractors (ASCC). He is past Chair of ASCC's Manufacturers' Advisory Council (MAC). Parkes is also a member of ACPA's Jointing and Pavement Design Task Forces.

He has published numerous industry-related articles and has been a speaker at many industry forums, including World of Concrete and the International Colloquium for Industrial Floors. More recently, he developed the go-to-market strategy for the OptiPave™ System in North America and has been engaged in the promotion of that concrete paving technology.

He graduated from the Civil Engineering College of Bircham Newton, Norfolk, UK.



Rolf Pawski has been Chief Engineer for Landmark Structures, headquartered in Fort Worth, TX, USA, for the past 28 years.

He has actively participated in ACI committees since 1985. Pawski is Vice Chair of ACI Committee 376S, Structural Concrete Code for Refrigerated Liquefied Gases; past Chair and Vice Chair of ACI Committee 376, Concrete Structures for Refrigerated Liquefied Gas Containment; past Chair and Secretary of ACI Committee 371, Elevated Tanks with Concrete Pedestals; and a past member of ACI Subcommittee 350-F, Seismic Analysis and Design of Liquid-Containing Structures. He is also a Life Member of the American Society of Civil Engineers (ASCE).

His research interests include dealing with extreme environmental loads, such as tornado and high seismic loads; promotion of nonbattery solutions for storage of excess solar and wind power, such as pumped storage for hydroelectric generation; and steel-concrete composite design, fabrication, and construction.

He was awarded the 2018 ACI Henry L. Kennedy Award.

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

Fellows



Nicholas J. Sorrentino is the Vice President of Operations for J. Dylan Concrete, Inc., a cast-in-place concrete contractor based in Allentown, PA, USA. He has dedicated the past 38 years to attending various educational training programs and seminars, where he has assisted in educational and training programs with his peers and local concrete suppliers and community while learning proper methods and applications for various cementitious applications.

In 1985, he started working summers for his father, Angelo Sorrentino, as a concrete laborer. In 1988, he began installing decorative concrete for Patterned Concrete of Pennsylvania, a national franchise that his father purchased. Sorrentino was chosen by the Board of Directors of Patterned Concrete Industries to train new franchise contractors and help advance architectural concrete tool designs and materials within the concrete industry. Sorrentino was an integral part of the three companies that he worked for, being awarded 11 honorable or runner-up Contractor of the Year Awards from Patterned Concrete Industries between 1990 and 2007.

He received his ACI Concrete Flatwork Finisher Certification in 1991 and retained it through 2016. Sorrentino is a member of ACI Committees C641, Decorative Concrete Finisher Certification; E703, Concrete Construction Practices; and 303, Architectural Cast-in-Place Concrete; Joint ACI-ASCC Committee 310, Decorative Concrete; Joint ACI-ASCC Subcommittee 310-J, Polished Finishes; and ACI Task Group 310-308 TG2, Curing Decorative Concrete Joint Task Group.

Sorrentino has received national honors and awards. He received the Merit Award Site Development for Excellence in Design from the Concrete Construction Committee of Philadelphia in 1993; the Decorative and Durable Designs Concrete Pavement Magazine Honorable Mention Award in 1995; two National Awards in 1999; the 1999 ACI International Grand Prize Award for Cast-in-Place Framed Concrete ACI Delaware Chapter; the Honorable Mention Awards in 2001 and 2003; the Southeastern Pennsylvania Associated Builders and Contractors' Award of Excellence in Construction in Public Works and Associated Builders and Contractors (National) Pyramid Award for Bethlehem Skate Plaza in Bethlehem, PA, in 2010; and the American Subcontractors Association (ASA) Certificate of Excellence in Ethics and ASA National Construction Best Practices Award in 2012.

Fellows



Christopher R. Tull is the Owner of CRT Concrete Consulting, LLC, founded in 2007, where he concentrates on a relationship approach to technical matters. CRT Concrete Consulting focuses on concrete slabs, concrete pavements, and concrete materials issues.

He is a member and past Chair of ACI Committee 330, Concrete Parking Lots and Site Paving; and a member of ACI Committees 302, Construction of Concrete Floors; 327, Roller-Compacted Concrete Pavements; 332, Residential Concrete Work; 360, Design of Slabs on Ground; 380,

Structural Plain Concrete; and 522, Pervious Concrete; and Joint ACI-ASCC Subcommittee 310-J, Polished Finishes. He is also a member of ASTM International, the American Society of Concrete Contractors (ASCC), the American Concrete Pavement Association (ACPA), and the International Concrete Repair Institute (ICRI).

Tull received his BS in civil engineering from Cornell University, Ithaca, NY, USA, in 1987. He is a licensed professional engineer in Indiana, Ohio, Kentucky, Georgia, and Michigan.



Widiyanto is a Senior Civil/Structural Engineer at ExxonMobil Technology and Engineering Company in Spring, TX, USA. He has more than 18 years of industry experience, including formerly working for Bechtel Oil, Gas, and Chemicals, Inc., Houston, TX, and as a Lecturer for the Reinforced Concrete Design course at the University of Houston, Houston, TX.

He was in charge of managing concrete design and engineering support during construction of the Hebron offshore concrete gravity-based structure, designed to resist harsh environmental conditions, including 10,000-year return period iceberg impact loads, and to support one of the heaviest topside structures.

Widiyanto is Chair of ACI Task Group 357-TG1, ACI 357R-84 Revision; Secretary of ACI Committees 357, Offshore and Marine Concrete Structures, and 376S, Structural Concrete Code for Refrigerated Liquefied Gases; and a member of ACI Committee 351, Foundations for Equipment and Machinery. He is a member of the American Society of Civil Engineers (ASCE) Task Committee on Anchor Bolt Design for Petrochemical Facilities and ASCE 7-28, Wind Load Subcommittee.

He has published many papers and delivered presentations on concrete offshore structures in several industry international conferences and universities. Widiyanto was awarded the 2021 ACI Symposium Volumes Award.

Fellows

His research interests include concrete offshore and marine structures, liquefied natural gas tanks, large machinery foundations, and anchorage to concrete. His PhD research focused on repair and strengthening of slab-column connections for punching shear.

He received his BS with Highest Honors, MSE, and PhD in civil engineering, all with a 4.0 GPA, from The University of Texas at Austin, Austin, TX, in 2001, 2003, and 2006, respectively. He is a licensed professional engineer in Texas.



Jason D. Wimberly is the Manager, Quality and Technical Solutions, for NexGen Concrete and is based out of Anderson, SC, USA. Prior to joining NexGen, he most recently served as the High-Performance Concrete Lead at Lithko Contracting, LLC. He has served the concrete industry for more than 20 years in roles as a concrete contractor, ready mixed concrete producer, and a design and consulting materials engineer.

Wimberly is Chair of ACI Committee 330, Concrete Parking Lots and Site Paving; and a member of ACI Committees 302, Construction of Concrete Floors; 360, Design of Slabs on Ground; 363, High-Strength Concrete; and 522, Pervious Concrete. He is a past member of ACI Subcommittee 239-D, Materials and Methods of Construction with UHPC. He was appointed by the ACI Board of Direction for two terms on the ACI Membership Committee. Wimberly is a member of ASTM International Committee C09, Concrete and Concrete Aggregates, and ASTM International Subcommittees C09.40, Ready-Mixed Concrete; C09.60, Testing Fresh Concrete; and C09.61, Testing for Strength. He was nominated to the Board of Directors for the American Society of Concrete Contractors (ASCC).

Wimberly received his BS in civil engineering from The University of Tennessee, Knoxville, Knoxville, TN, USA, in 1999, and his MSCE in construction engineering and management from North Carolina State University, Raleigh, NC, USA, in 2001. He is a licensed professional engineer in South Carolina, North Carolina, Virginia, Georgia, and Alabama.

Personal 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 his contributions to the concrete industry and the growth of ACI knowledge through his leadership in the ‘Concrete in Latin America’ seminars and organization of the Latin American chapters”



Arturo Gaytan-Covarrubias, FACI, is Innovation and Sustainability Manager at CEMEX México, based in Mexico City, Mexico, where he has worked in different positions for 21 years. He is Treasurer of the Mexican Ready-Mix Concrete Association, Founder and President of the Mexican Institute for Sustainable Concrete, and Liaison Director of the ACI Northwest and ACI Southeast Mexico Chapters. He is also Past President of the ACI Central and Southern Mexico Chapter and the ACI National Autonomous University of Mexico (UNAM) Student Chapter.

Gaytan-Covarrubias is a member of the ACI International Certification Committee, International Advisory Committee, Financial Advisory Committee, and the Board of Direction. He is a past member of the ACI Educational Activities Committee; Personal Awards Committee; ACI Committees 121, Quality Assurance Systems for Concrete; 130, Sustainability of Concrete; and the S801 Regional Student Competitions Task Group; and ACI Subcommittees 130-D, Rating Systems/Sustainability Tools, and 130-H, Climate Change Impacts on the Sustainability of Concrete. He has served as a judge during the last two ACI Excellence in Concrete Construction Awards.

Gaytan-Covarrubias received the ACI Young Member Award for Professional Achievement and was named an International Electrotechnical Commission (IEC) Young Professional in 2012. He also received the 2018 ACI Chapter Activities Award and was named a Fellow of ACI. In 2021, he received the ACI Henry C. Turner Medal.

He is certified as an ENVISION Sustainability Professional and LEED Green Associate. He is also certified as ACI Concrete Field Testing Technician – Grade I, ACI Concrete Construction Special Inspector, and ACI Concrete Flatwork Associate.

His research interests include net-zero emissions concrete, non-freshwater concrete, net-zero waste concrete, net-zero energy concrete, climate change, sustainability legislation, innovation, sustainable concrete, real concrete three-dimensional printing, and future concrete.

Personal Awards

Gaytan-Covarrubias received his BS in civil engineering from UNAM, Mexico City, Mexico, in 2002, and his ME in quality and productivity from the Monterrey Institute of Technology and Higher Education, Monterrey, Nuevo León, Mexico, in 2009. He completed the Innovation and Sustainability programs at the Massachusetts Institute of Technology (MIT), Cambridge, MA, USA, in 2021.

Personal Awards

ACI STRATEGIC ADVANCEMENT AWARD

The **ACI Strategic Advancement 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 her selfless dedication to the ACI Las Vegas and Rocky Mountain Chapters while strategically advancing the Institute forward through ACI’s state-of-the-art certification and training programs”



Dawn Miller, FACI, is the Founder and Principal of DLM Association Services based in Las Vegas, NV, USA. Specializing in association management for nonprofit organizations in the engineering and design sector, Miller has held the role of Executive Director for the ACI Las Vegas Chapter since 1997 and the ACI Rocky Mountain Chapter since 2014. Prior to these positions, she served as the Executive Director for the ACI Oregon Chapter from 1994 to 1996.

Miller is Chair of ACI Committee E905, Training Programs, and past Chair of the ACI Chapter Activities Committee, and is a member of the Fellows Nominating Committee; Hot Topics Committee; C670, Masonry Testing Technician Certification; and a past member of the ACI Certification Programs, Membership, Convention, Chapter Activities, and International Project Awards Committees. She has also served two terms on the ACI Committee on Nominations.

Miller’s involvement with ACI certification programs began as the administrator of the Concrete Field Testing Technician – Grade I program for the Oregon Concrete and Aggregate Producer’s Association. Certified in 1993, she became a program proctor. Since joining the ACI Las Vegas Chapter in 1997, she has played a vital role in the Certification Committee. Currently, she oversees the strategic planning and execution of 19 ACI certification programs for two chapters and at World of Concrete. Miller was awarded the ACI Certification Award in 2021, attained the designation of Fellow of ACI in 2015, and received the ACI Chapter Activities Award in 2011.

Personal Awards

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

The **ACI Young Member Award for Professional Achievement** was established in 1997 “for the purpose of recognizing the contributions of younger members of the Institute, and for professional achievement.” Those selected must be Institute members and 35 years of age or younger at the time of the nomination.

“for contributions to advancing the knowledge and education of the concrete industry through professionalism, friendship, teaching, and mentoring of colleagues, professionals, and students”



ACI member **William (Will) Squyres** is an Independent Consultant based out of College Station, TX, USA. Squyres' background is in materials, and today, he focuses on forensic and litigation work. After working for Woody Vogt, FACI, he started his own company, Squyres and Associates, in 2022.

Squyres is Chair of ACI Committee 304, Measuring, Mixing, Transporting, and Placing Concrete; and a member of ACI Committees 211, Proportioning Concrete Mixtures; 221, Aggregates; 305, Hot Weather Concreting;

and 311, Inspection of Concrete.

He is Past President of the ACI Houston Chapter. While serving as the Chapter's President, Squyres was instrumental in launching the Chapter's annual 1-day symposium. Outside of the Chapter's certification, it is the event with the highest attendance. He also helped start the Chapter's Nondestructive Testing Technician certification program. In 2021, he was awarded the Chapter's prestigious L. Blake Fentress award, which is given to members to recognize their excellence in leadership. He has served as an adviser and mentor for the local student chapter at the University of Houston, Houston, TX.

Squyres has given lectures at various universities in Texas, as well as presented at symposiums and industry-related conferences, including ACI. He is a member of ASTM International and the Structural Engineers Association of Texas. His research interests include concrete pavement failure and distress, high-strength and high-performance concrete mixtures, materials testing, and troubleshooting/analysis of concrete construction.

Personal Awards

“for advancing repair materials and methods for concrete structures, for service on ACI technical committees, and for support of student involvement in ACI activities”



ACI member **Jovan Tatar** is an Associate Professor of Structural and Materials Engineering in the Department of Civil and Environmental Engineering and an Affiliated Faculty in the Center for Composite Materials at the University of Delaware, Newark, DE, USA.

Tatar has been an ACI member since 2009. He serves as Chair of ACI Subcommittee 440-F, FRP-Repair-Strengthening, and is a member of ACI Committees 123, Research and Current Developments; 440, Fiber-Reinforced Polymer Reinforcement; 548, Polymers and

Adhesives for Concrete; Joint ACI-ASCE Committee 446, Fracture Mechanics of Concrete; and ACI Subcommittee 440-L, FRP-Durability. He also serves as a Founding Advisor for the ACI University of Delaware Student Chapter.

Tatar’s research interests include materials science and structural engineering, addressing contemporary problems related to repair and strengthening of concrete infrastructure. His significant contributions include enhancing the understanding of the durability of fiber-reinforced polymer reinforcement in concrete structures, evidenced by a substantial body of work comprising over 50 journal articles, conference proceedings, and technical reports.

Tatar served as Assistant Professor in the Department of Civil Engineering at the University of Louisiana at Lafayette, Lafayette, LA, USA, from 2016 to 2018, before joining the University of Delaware in 2018. He received his BS in civil engineering from the University of Montenegro, Podgorica, Montenegro, in 2011, and his MS and PhD in civil engineering from the University of Florida, Gainesville, FL, USA, in 2013 and 2016, respectively.

Personal Awards

“for involvement with the ACI Southern California Chapter, service on ACI technical committees, advancement of the concrete industry—specifically related to the use of nondestructive technology—as well as technical knowledge, enthusiasm, and commitment to the industry that set her apart from other young professionals”



ACI member **Heather K. Todak** is Senior Associate with Wiss, Janney, Elstner Associates, Inc. (WJE) in Los Angeles, CA, USA. Since joining WJE in 2016, Todak has worked on numerous projects involving concrete assessment and repair, structural evaluation, historic concrete assessments, and nondestructive evaluation. Her work has included both existing structures and consulting services for new construction.

Todak specializes in the application of nondestructive evaluation techniques for the assessment of concrete and masonry structural elements. She is an experienced practitioner in techniques including ground-penetrating radar, impact echo, shear wave ultrasonic tomography, and ultrasonic pulse velocity. She has investigated, tested, and provided repair recommendations for a wide variety of structures including bridges, high-rise concrete structures, parking structures, post-tensioned concrete structures, water treatment infrastructure, and historic buildings.

She is Chair of ACI Subcommittee 228-B, Visual Condition Survey of Concrete, and a member of ACI Committees C691, Nondestructive Concrete Specialist Certification; E905, Training Programs; 228, Nondestructive Testing of Concrete; and 546, Repair. Todak is also on the ACI Foundation’s Scholarship Council and involved with the Women in ACI program. She serves on the Board of Direction for the ACI Southern California Chapter and is Chair of the local concrete awards committee. She was a 2016 recipient of the Women in ACI Young Professionals Award.

Todak received her BS in civil engineering from Virginia Polytechnic Institute and State University, Blacksburg, VA, USA, in 2014, and her MS in civil engineering from Purdue University, West Lafayette, IN, USA, in 2015. She is a licensed professional engineer in California.

Personal 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. This award received continued naming financial support from Walter P. Moore in 2023.

“in recognition of her work at the forefront of concrete education, where her inclusion of innovative topics and technology allows the next generation of students to engage with tools that are revolutionizing civil engineering”



ACI member **Sriramya Duddukuri Nair** is an Assistant Professor at Cornell University, Ithaca, NY, USA. She has worked as a Postdoctoral Associate at the Cornell High Energy Synchrotron Source (CHESS), investigating the micro-mechanical response of alternate cementitious materials, and as a Research Associate in the Petroleum Engineering Department at The University of Texas at Austin, Austin, TX, USA. She has also worked on improving zonal isolation of oil and gas wells and the decommissioning and permanent abandonment of wells.

She is Co-Chair of ACI Committee S803, Faculty Network Coordinating Committee, and a member of ACI Committees S806, Young Member Activities; 123, Research and Current Developments; 236, Materials Science of Concrete; 238, Workability of Fresh Concrete; 564, 3-D Printing with Cementitious Materials; and 565, Lunar Concrete.

In 2022, Nair received the Early Career Fellowship from the National Academy of Sciences, Engineering, and Medicine Gulf Research Program on improving offshore energy safety. She is a member of the American Society of Civil Engineers (ASCE) and ASTM International.

Her research interests include development and characterization of supplementary, alternative, and magneto-rheological cementitious materials.

She received her BTech from the Indian Institute of Technology Madras, Chennai, India, in 2006; her MS from the University of California at Davis, Davis, CA, USA, in 2008; and her PhD from The University of Texas at Austin in 2013.

Service 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 foresight, dedication, and tireless efforts to initiate and maintain a working relationship between ACI and ICT, and for facilitating the potential expansion of ACI Certification into regions using European Standards”



ACI member **Gareth David** is a Technical Consultant and Director of Tempra Consulting Services Ltd., West Byfleet, Surrey, UK. He has served in technical roles in the concrete industry for 35 years and as a technical consultant for 27 years.

David is Chair of ACI Subcommittee C602-GB, United Kingdom Certification Programs, and a member of ACI Committees 13-01, International Certification; and 121, Quality Assurance Systems for Concrete.

He received his BSc (Hons) in geological sciences from Aston University, Birmingham, UK, in 1986; his MSc in petroleum geology from Imperial College London, London, UK, in 1987; his MBA from Middlesex University London, London, UK, in 1998; and his MSc in advanced concrete technology from the University of Leeds, Leeds, UK, in 2018.



Ramanbhai J. Mangabhai has been a Research and Technical Support Officer with the Advanced & Innovative Materials Group at University College London, London, UK, since 2017. He has experience in academic and industrial research in cementitious materials and instrumentation and has edited numerous conference proceedings and other technical publications on aspects of concrete.

He is a member of ACI Committee C602-GB, United Kingdom Certification Programs, as well as Chair of the corresponding committee at The Institute of Concrete Technology (ICT), and Co-Sponsor of the jointly badged ACI-ICT EN Standards Concrete Field Testing Technician Certification program. Past President of ICT, he served when this joint program was launched in 2019 and was elected an Honorary Fellow of ICT in 2021. He has been energetic in securing test venues and promoting the certification program to potential candidates and their employers, both in the United Kingdom and other countries—Bahrain, France, Ireland, Latvia, Malta, and Qatar—and successful in gaining the necessary sponsorship to fund the

Service Awards

production of training videos in support of current testing practice.

His research interests include calcium-aluminate cements, polymer-modified cements, cementitious grouts, and the permeability of concrete.

Mangabhai received his BSc (Hons) in applied chemistry from the University of Salford, Salford, Greater Manchester, UK, in 1978.

“for outstanding leadership in managing, promoting, expanding, and delivering ACI Certification programs through the ACI Houston Chapter”



ACI member **Mark E. Dornak** is the Senior Materials Training and Development Specialist with Terracon Consultants, Inc., and works in the Houston, TX, USA, office. He served for 23 years in the U.S. Marine Corps, both on active duty and in the reserves. He started his engineering career in 2007 as an Intern/Field Technician at Terracon Consultants' College Station, TX, office while attending Texas A&M University, located in the same city. After graduation in 2007, he transitioned to the role of Materials Engineer. In 2010, he was promoted to

Department Manager of the Materials group.

Dornak has been a member of ACI since 2009 and a member of the ACI Houston Chapter since 2010. He has been the Certification Chair for the ACI Houston Chapter since 2013. He has also served as a Board member and Chapter President. He attended his first ACI Concrete Convention in 2015. He is Secretary of ACI Committees C620, Laboratory Technician Certification, and C631, Concrete Transportation Construction Inspector Certification, and a member of the ACI Certification Programs Committee and ACI Committees C610, Field Technician Certification; C612, Self-Consolidating Concrete Technician Certification; C630, Construction Inspector Certification; 304, Measuring, Mixing, Transporting, and Placing Concrete; 305, Hot Weather Concreting; and 311, Inspection of Concrete; and ACI Task Group 304-TG1, ACI 304 R00 Guide to Measuring, Mixing, Transporting. He is a past member of ACI Committees 120, History of Concrete, and 230, Soil Cement. He is also a member of the Post-Tensioning Institute (PTI), the Society of American Military Engineers (SAME), and the American Society of Civil Engineers (ASCE).

He received his BS in civil engineering from Texas A&M University in December and is a licensed professional engineer in Texas.

Service Awards

“for dedication and tireless efforts to deliver and expand ACI Certification programs through the ACI Pittsburgh Area Chapter”



ACI member **Andrew R. Lawrence** is the Vice President of DuBrook Inc., a ready mixed concrete producer headquartered in Clarion, PA, USA. He has worked in the ready mixed concrete and construction industries for over 25 years.

He has served as the Education Committee Coordinator and Examiner of Record for the ACI Pittsburgh Area Chapter since 2009, providing certifications, including Concrete Field Testing Technician – Grade I; Concrete Strength Testing Technician; Aggregate Testing Technician – Level 1 and – Level 2; Concrete Flatwork Associate, Finisher, and Advanced Finisher; and Self-Consolidating Concrete Testing Technician. He is also a member of ASTM International and the Pennsylvania Aggregates and Concrete Association (PACA).

Lawrence received his BS in civil engineering from Lehigh University, Bethlehem, PA, in 2001, and his MS in civil engineering from the University of Delaware, Newark, DE, USA, in 2003. He is a licensed professional engineer in Pennsylvania and Ohio.

Service Awards

CHAPTER ACTIVITIES AWARD

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

“for her continuous dedication and support to ACI and ACI Student Chapter activities and her eagerness to keep ACI activities going even digitally through the pandemic”



ACI member **Nariman J. Khalil** is an Associate Professor in the Department of Civil and Environmental Engineering at the University of Balamand, Balamand, Lebanon. She has over three decades of experience in teaching structural analysis and reinforced concrete design and providing consultancy for the private and governmental sectors in the Middle East. She has also authored or co-authored over 60 technical papers, reports, books, and book chapters.

Khalil is a member of ACI Committees S803, Faculty Network Coordinating Committee, and 555, Concrete with Recycled Materials, and ACI Subcommittee 555-A, Development of ACI 555-1R Technical Report. She is Founder and Advisor of the ACI University of Balamand Student Chapter, which has received the ACI Excellent or Outstanding University Award each year since its launch in 2016. She also serves as Vice President of the ACI Lebanon Chapter and is a member of the American Society of Civil Engineers (ASCE).

Her research interests include concrete sustainability, strengthening of concrete structures using innovative techniques, and highway materials.

She received her PhD in civil engineering from the University of Leeds, Leeds, UK, in 1991. She is a member and licensed consultant in the Lebanese Order of Engineers.

Service Awards

“for her commitment, dedication, and love for concrete; revitalizing the ACI Puerto Rico Chapter; and actively collaborating with Latinoamérica. For her valuable intelligence and innovative actions to position her Chapter as Excellent. For her extraordinary management as a mother, wife, professional, and ACI volunteer”



ACI member **Anabel N. Merejildo** is a Transportation Engineer at AtkinsRéalis in Puerto Rico. She has more than 9 years of experience in airfield concrete pavement, inspection, laboratory testing for concrete materials, assistant project management, and project coordination. Additionally, she has experience working with standards and specifications from ACI, the Federal Aviation Administration (FAA), the Federal Highway Administration (FHWA), ASTM International, and the American Association of State Highway and

Transportation Officials (AASHTO).

Merejildo is President of the ACI Puerto Rico Chapter. From 2015 to 2017, she was President of the ACI Polytechnic University of Puerto Rico Student Chapter. She is a member of ACI Committees C610, Field Technician Certification; C620, Laboratory Technician Certification; C690, Concrete Quality Technical Manager Certification; 134, Concrete Constructability; and 325, Concrete Pavements. She is the 2023-2024 recipient of the ACI Foundation Tribute to the Founders Fellowship.

Her research interests include concrete pavement construction, inspection, and constructability.

She received her BS in civil engineering from the Polytechnic University of Puerto Rico (PUPR), San Juan, Puerto Rico, in 2018; her MS in civil engineering – construction from PUPR in 2021; and an additional master’s degree in project management from the University of Barcelona, Barcelona, Catalonia, Spain, in 2021. She is currently pursuing her PhD in civil engineering – transportation at the University of Puerto Rico at Mayagüez, Mayagüez, Puerto Rico.

Service Awards

“for his outstanding contribution to the promotion and development of the ACI India Chapter and for furthering the goals of ACI in India; for his sound administration of the Chapter, enabling it to scale greater heights during the recent global pandemic; and for his leadership role in engaging with the concrete fraternity, particularly Student Chapters, through the launch of novel activities despite pandemic lockdowns, significantly enhancing the reputation, standing, and growth of the ACI India Chapter both nationally and internationally”



ACI member **Raghuvir K. Salkar** is a Partner at Kuvelkar Salkar Associates LLP, an engineering and architectural consulting firm based in Goa, India, with a branch in Mumbai. He is a structural engineer and has been in the consulting profession for more than 30 years. He has authored and co-authored several technical papers for conferences and journals.

Salkar was President of the ACI India Chapter from 2019 to 2021. During this period, he was actively involved in various ACI activities in India. Presently, he serves as a member of the Board of Directors of the ACI India Chapter. He has been a member of the Scientific Committee of all the past R.N. Raikar Memorial International Conferences—large events that have been regularly attended by people from the concrete industry around the world.

His research interests include the design of marine structures in ports, shipyards, and fishery harbors.

He received his bachelor of engineering in civil engineering from the University of Mumbai (formerly the University of Bombay), Mumbai, Maharashtra, India, in 1985; his master of engineering in civil engineering with a specialization in structural engineering from Savitribai Phule Pune University (formerly the University of Pune), Pune, Maharashtra, India, in 1988; and his PhD in civil engineering from The University of Maine, Orono, ME, USA, in 1992. He is a licensed professional engineer with the Engineering Council of India and a chartered engineer with the Institution of Engineers in India.

Service 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 ACI Committee 546, Repair of Concrete; and ACI Innovation Task Group (ITG) 93-11, Statistical Techniques for Assessment of Existing Concrete Structures”



Peter Barlow, FACI, is a Concrete Repair Consultant with Barlow Consulting, Seattle, WA, USA. He recently retired in 2023 after 47 years as a concrete repair contractor and company owner. He has also been consulting for 3 years on concrete repair, strengthening, and waterproofing issues.

Barlow is Chair of ACI ITG-11, Statistical Techniques for Assessment of Existing Concrete Structures; ITG-12, Code Requirements Construction of Additively Constructed Walls; and ACI Subcommittee 364/546-SC, Steering Committee. He also is a member of the ACI Board of Direction; ACI Committees 364, Rehabilitation, and 546, Repair; and ACI Subcommittee 62-1G, IPAC Repair and Restoration. He is a past member of the Construction Liaison Committee and ACI Committee 224, Cracking.

He received his BA from Central Washington State College, Ellensburg, WA, in 1971.

“for outstanding leadership of Joint ACI-ASCE Committee 343, Concrete Bridge Design”



Michael C. Brown, FACI, is an Associate Principal in the Washington, DC, office of Wiss, Janney, Elstner Associates, Inc. He has over 25 years of experience in research and consulting related to materials testing, nondestructive evaluation, structural condition assessment and monitoring, rehabilitation design, and preservation planning. He specializes in bridge preservation with expertise in reinforced and prestressed concrete structures and corrosion assessment and mitigation.

Brown is a member of the ACI Board of Direction. He is Secretary of Joint ACI-ASCE Committee 343, Concrete Bridge Design, and is a member of ACI Committees 222, Corrosion of Metals in Concrete; 345, Bridge

Service Awards

Construction and Preservation; 444, Structural Health Monitoring; and ACI Subcommittee 562-I, Durability. He is past Chair and a member of the ACI Technical Activities Committee; past Chair of ACI Committees 343 and 345; and a past member of ACI Committee 365, Service Life Prediction. He serves on the ACI Foundation's Concrete Research Council. He is also a member of the American Society of Civil Engineers (ASCE).

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

“for outstanding leadership of ACI Committee 444, Structural Health Monitoring”



ACI member **Thomas Schumacher** is a Professor and Associate Chair of Graduate Programs in the Department of Civil and Environmental Engineering at Portland State University, Portland, OR, USA. He is a co-author of five book chapters and over 100 journal articles, conference papers, and research reports, and the co-inventor of two patents, one of which is pending.

Schumacher is Chair of ACI Committee 444, Structural Health Monitoring, and a member of the ACI TAC Repair and Rehabilitation Committee and ACI Committees 228, Nondestructive Testing of Concrete, and 342, Evaluation of Concrete Bridges and Bridge Elements. He is a past member of ACI Committee 123, Research and Current Developments. Additionally, he is a member of the International Society for Structural Health Monitoring of Intelligent Infrastructure in the Data-Enhanced Infrastructure Management Committee.

In 2020, he received an Achenbach Medal for his “outstanding contribution to the advancement of the field of Structural Health Monitoring (SHM)” from the International Workshop on Structural Health Monitoring.

His research interests include developing nondestructive evaluation techniques to support the engineering and preservation of existing civil infrastructure with a focus on concrete structures. His efforts involve the following techniques: ultrasonic stress-wave-based monitoring (both passive and active), impulse response testing, imaging and image fusion, self-sensing carbon nanotube-based structural composites for integrated strengthening and monitoring, and video-based vibration monitoring.

Schumacher received his BS in civil engineering from the Bern University of Applied Sciences, Burgdorf, Switzerland, in 2000, and his MS and PhD in civil engineering from Oregon State University, Corvallis, OR, in 2006 and 2010, respectively. He is a licensed professional engineer in Delaware.

ACI Foundation Awards

ARTHUR J. BOASE AWARD

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

“for discovering the size effect law for quasi-brittle failures and its applications to code provisions for beam shear and punching, and for contributions to prediction and mitigation of structural effects of creep, shrinkage moisture, transport, temperature, fracture, material degradation and material randomness”



ACI Honorary Member **Zdeněk P. Bažant** is a WP Murphy Professor and McCormick Institute Professor at Northwestern University, Evanston, IL, USA, where he founded and directed the Center for Concrete and Geomaterials.

He is the founding Chair of Joint ACI-ASCE Committee 446, Fracture Mechanics of Concrete, and a member of ACI Committee 348, Structural Reliability and Safety, and Joint ACI-ASCE Committees 445, Shear and Torsion, and 447, Finite Element Analysis of Reinforced Concrete Structures.

Bažant is an Honorary Member of ACI, ASCE, ASME, RILEM, and CSM, and is a former PCI member. He was inducted to NAS, NAE, AAAS, the Royal Society London, and the national academies of Austria, Japan, Czech Republic, Italy (Lincei), Spain, Greece (Athens), and India. He has received nine honorary doctorates, the Austrian Cross of Honor for Science and Art from the Austrian President; ASME Medal; ASME Timoshenko, Nadai, and Warner Medals; ASCE von Karman, Freudenthal, Newmark, Biot, Mindlin, and Croes Medals; ASCE T.Y. Lin Award; SES Prager Medal; SEM Murray Medal; ACS Outstanding Research Award; RILEM L'Hermite Medal; Torroja Medal; Exner Medal; and the Guggenheim Fellowship. In 2015, ASCE established the Bažant Medal for Failure and Damage Prevention, and in 2023, ASME established the Bažant Medal for Contributions to Mechanics. In Prague, Czech Republic, CSM awards the Bažant Prize for Mechanics. His 1959 mass-produced patent of safety ski binding is exhibited in the New England Ski Museum, Franconia, NH, USA.

Bažant has published 690 refereed journal articles and nine books on structural stability, quasibrittle fracture, probability, concrete creep, and hygrothermal effects. In a 2019 Stanford University citation survey of 250,000 engineering papers, he ranked first worldwide in civil engineering and second in engineering overall, with a 2022 Elsevier survey having similar results.

Results from his research have been incorporated in ACI 318, ACI 209, *fib* Model Code, and RILEM Recommendations. He was educated in Prague, Czech Republic, receiving his PhD in 1963, and is a licensed structural engineer in Illinois.

ACI Foundation Awards

ROBERT E. PHILLEO AWARD

The **Robert E. Philleo Award** of the ACI Foundation's 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 your exemplary research and service to the profession in concrete materials, sustainability, and durability”



Charles A. Weiss Jr., FACI, is a Senior Research Geologist in the Engineer Systems & Materials Division, Geotechnical & Structures Laboratory, U.S. Army Engineer Research & Development Center (ERDC) in Vicksburg, MS, USA. He also serves as an Adjunct Professor at the University of Alabama, Tuscaloosa, AL, USA, and Jackson State University, Jackson, MS, and has served on PhD committees for students from the University of Alabama; Stevens Institute of Technology, Hoboken, NJ, USA; Jackson State University; New Mexico State University, Las Cruces, NM, USA; and Mississippi State University, Starkville, MS.

Weiss is past Chair and a member of ACI Committee 522, Pervious Concrete, and a member of ACI Committees 123, Research and Current Developments; 222, Corrosion of Metals in Concrete; 237, Self-Consolidating Concrete; 239, Ultra-High Performance Concrete; and S801, Student Competitions.

He has published more than 100 papers and reports and holds 23 U.S. patents in a wide array of new technologies. Weiss has been honored numerous times for his research, including the 2010 R&D 100 Award for corrosion-resistant ceramic-porcelain enamel for bonding concrete to steel, the NOVA Award from the Construction Innovation Forum, three Federal Laboratory Consortium awards, two Department of the Army Research & Development awards, and numerous other honors. In 2010, he was named as the Herbert D. Vogel Scientist of the Year at the ERDC.

He has over 34 years of experience in crystal chemistry and gel/crystal mixtures in cementitious materials. His research interests include the forensic investigations and characterizations of concrete and construction materials including cement, mineral admixtures, clays, and zeolites.

He received his AB in 1983 in both computer science and geology from Colgate University, Hamilton, NY, USA, and his MS in 1987 and PhD in 1989 in geology from the University of Illinois, Urbana-Champaign, IL, USA. He is a licensed professional geologist in Mississippi.

ACI Foundation Awards

JEAN-CLAUDE ROUMAIN INNOVATION IN CONCRETE AWARD

The **Jean-Claude Roumain Innovation in Concrete Award**, presented by the ACI Foundation's Concrete Innovation 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.

“for your leadership in shotcrete innovation, improvements, advancements, and for striving to evaluate new technologies”



Marc Jolin, FACI, has been a Professor in the Department of Civil and Water Engineering at Université Laval, Québec, QC, Canada, since 2005 and is a member of the Research Centre on Concrete Infrastructures (Centre de recherche sur les infrastructures en béton [CRIB]). He is Chair of ACI Committee C661, Shotcrete Inspector Certification, and past Chair and a member of ACI Committees 506, Shotcreting, and C660, Shotcrete Nozzleman Certification. Jolin is also an active ACI Examiner for Shotcrete Nozzleman Certification (wet- and dry-mix processes) and a member of the American Shotcrete Association (ASA).

He received the ACI Young Member Award in 2009 and was nominated Fellow of the Institute the following year. He also received the 2017 ACI Certification Award and the 2021 Delmar L. Bloem Distinguished Service Award.

Jolin received his bachelor's degree and MSc from Université Laval in 1994 and 1996, respectively, and his PhD in civil engineering from the University of British Columbia, Vancouver, BC, Canada, in 1999.

ACI Foundation Awards

BUILDING THE FUTURE AWARD

The **Building the Future Award** is given to a Foundation volunteer who has shown exceptional dedication to our mission. This award recognizes an outstanding individual volunteer who has driven the Foundation further with their dedication in time, engagement, and commitment.

“for your strong commitment to strengthening our student scholarship program through proactive involvement and by stewarding donors and donations for that program”



ACI Honorary Member **Neil M. Hawkins** is Professor Emeritus, University of Illinois (UIUC), Urbana-Champaign, IL, USA, and Affiliate Professor of Civil Engineering at the University of Washington (UW), Seattle, WA, USA. He retired from UIUC in 2002 and subsequently taught at UW until 2010. He has been a member of ACI for 66 years.

He has served on over a dozen ACI technical committees, including ACI Committee 318, Structural Concrete Building Code, and the ACI Board of Direction. He is past Chair of ACI Committee 355, Anchorage to Concrete, and Joint ACI-ASCE Committees 445, Shear and Torsion, and 550, Precast Concrete Structures. He serves on three ACI Foundation committees, including more than two decades on the Scholarship Council.

He received the ACI Wason Medal in 1969 and 2009, the Reese Award in 1976 and 1979, the Structural Research Award in 1981, the Kelly (Kesler) Award in 1986, the T.Y. Lin Award in 1988, and the Turner Medal and Boase Award in 2005. He is a Distinguished Member of ASCE (2001), Honorary Member of ACI (2012), Titan (2004) and Medal of Honor recipient (2020) of the Precast/Prestressed Concrete Institute, and Legend (2010) of the Post-Tensioning Institute.

He received his BSc in physics and mathematics in 1955 and his BE in civil engineering in 1957 from the University of Sydney, NSW, Australia, and his MS in 1957 and his PhD in 1961 from UIUC.

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.

There are 46 possible points. Those chapters receiving 25 or more points are deemed to have achieved a ranking of “excellent.” Those receiving a minimum of 18 points up to a maximum of 24 points are accorded “outstanding” status.

Excellent Chapters 2023

Arizona	Northern California & Western Nevada
Carolinas	Northeast Mexico
Central Texas	Northwest Mexico
Georgia	Philippines
Houston	Pittsburgh Area
India	Puerto Rico
Intermountain	Rocky Mountain
Kansas	San Diego Intl
Louisiana	Singapore
Maryland	Southeast Mexico
Missouri	Southern California
New Jersey	Washington

Outstanding Chapters 2023

Central & Southern Mexico	National Capital
Concrete Industry Board of New York City (CIB)	Nebraska
Eastern Pennsylvania & Delaware	New England
Greater Michigan	Northeast Ohio
Indiana	Ontario
Las Vegas	Peru
Lebanon	Republic of Colombia
Minnesota Concrete Council	San Antonio
	Virginia

Student Chapter Awards

ACI STUDENT CHAPTER AWARDS

Similar to ACI's annual award for excellent and outstanding chapters, the ACI Student Chapter Awards recognizes the achievement of outstanding student chapters whose activities align with ACI's strategic goal to increase participation and add value for its members. The student chapters will accomplish this by increasing opportunities for professional and academic growth, as well as strengthening relationships between the student chapter and ACI and its Local Chapters.

To be eligible for this awards program, Student Chapters will be required to submit an Annual Report. Student Chapters that meet the minimum requirements will receive recognition as an Outstanding Student Chapter. Outstanding Student Chapter recipients will receive a perpetual award plaque. A new plate featuring the year of the award will be added to the plaque for each year of recognition.

2023 Outstanding Student Chapter Award Winners

Ahsanullah University of Science and Technology
Antipolo Institute of Technology
Arab Academy for Science, Technology & Maritime Transport
Ateneo de Naga University
Auburn University
Bangladesh University of Engineering and Technology
Bataan Peninsula State University
California State Polytechnic University, Pomona
Carlos Hilado Memorial State University, Talisay
Cebu Institute of Technology - University
Chittagong University of Engineering and Technology
Colegio de San Juan de Letran
Erbil Polytechnic University
Escuela Superior Politécnica del Litoral
Facultad de Ingeniería UNAM
FES Aragón UNAM
FEU Alabang
Georgia Institute of Technology
Instituto Tecnológico y de Estudios Superiores Monterrey, Querétaro
Instituto Tecnológico de Sonora
Instituto Tecnológico Iztapalapa III
Instituto Tecnológico Superior de Acayucan
International University of Business Agriculture and Technology
Islamic University of Technology
Kongu Engineering College
KPR Institute of Engineering and Technology

Student Chapter Awards

Manuel L. Quezon University
Mapúa University
Marwadi Education Foundation Group of Institutions
Nandha Engineering College, Autonomous
Nazarbayev University
NED University of Engineering & Technology
Negros Oriental State University
New Jersey Institute of Technology
North Carolina State University
Pittsburg State University
Polytechnic University of Puerto Rico
Polytechnic University of the Philippines
Pontificia Universidad Católica del Perú
PSG Institute of Technology and Applied Research
Salahaddin University
San José State University
Silliman University
Southern Illinois University Edwardsville
SUNY Canton
Technological Institute of the Philippines - Manila
Technological Institute of the Philippines - Quezon City
Technological University of the Philippines
Tecnológico de Estudios Superiores de San Felipe del Progreso
Tecnológico Nacional de México Campus Cd. Victoria
Tecnológico Nacional de México, Nuevo Laredo University
Tecnológico Nacional de México, Pachuca
Terna Engineering College
Texas State University
The Pennsylvania State University
Tishk International University
Universidad Americana del Noreste
Universidad Autónoma de Chiapas
Universidad Autónoma de Coahuila
Universidad Autónoma de Nuevo León
Universidad Autónoma del Estado de México
Universidad Católica de Santa María
Universidad Católica de Santiago de Guayaquil
Universidad Católica San Pablo
Universidad Continental Sede Arequipa
Universidad Continental Sede Huancayo
Universidad de Sonora
Universidad del Norte

Student Chapter Awards

Universidad Mariano Gálvez de Guatemala, Ingeniería, Quetzaltenango
Universidad Nacional de Trujillo
Universidad Nacional de Cajamarca
Universidad Nacional de Ingeniería
Universidad Nacional de San Agustín de Arequipa
Universidad Nacional de San Antonio Abad del Cusco
Universidad Panamericana, Guadalajara
Universidad Peruana de Ciencias Aplicadas
Universidad Peruana Los Andes
Universidad Popular Autónoma Estado de Puebla
Universidad Popular de la Chontalpa
Universidad Ricardo Palma
Universidad San Francisco de Quito
Universidad San Ignacio de Loyola
Universidad Tecnológica del Peru Sede Arequipa
Universidad Veracruzana
Universitas Indonesia
Université de Sherbrooke
Université Laval
University of Asia Pacific
University of Florida
University of Houston-Downtown
University of North Carolina at Charlotte
University of Nueva Caceres
University of Ottawa
University of Sharjah
University of Tamaulipas
University of Toledo
University of Victoria
University of Wisconsin-Platteville
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
Yarmouk University