aci CONCRETE CONVENTION

THE WORLD'S GATHERING PLACE FOR ADVANCING CONCRETE

2025 AWARDS PROGRAM

OCTOBER 26-29, 2025

Hilton Baltimore & Marriott Baltimore Inner Harbor

Baltimore, MD, USA

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

2025 Listing of Awardees

The following individuals will be receiving awards at the 2025 Fall ACI Concrete Convention.

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Personal Awards

ARTHUR R. ANDERSON MEDAL

The Arthur R. Anderson Medal was established in 1972 by the Institute in recognition of Arthur R. Anderson, Past President of the Institute, for his imaginative and outstanding leadership and insistence on excellence of concrete quality for engineering works. In 2025, the family of Arthur R. Anderson, along with the company that Arthur founded with his brother, Concrete Technology Corporation, is proud to continue sponsoring The Arthur R. Anderson Medal in his honor.

The award is given for outstanding contributions to the advancement of knowledge of concrete as a construction material.

"for his outstanding contributions to the advancement of innovations in nanomaterials and nanotechnology, and effective knowledge transfer through publications, presentations, and ACI document development activities"

Konstantin Sobolev, FACI, is Professor in the Department of Civil and Environmental Engineering at the University of Wisconsin–Milwaukee, Milwaukee, WI, USA, and Director of the Concrete Advancement Network (CAN), a National Science Foundation (NSF) Industry-University Cooperative Research Center. He has authored or co-authored over 200 research papers and technical reports.

He is an ACI Fellow; Chair of ACI Subcommittees 211-M, Aggregate Packing Model, and 241-SC, Steering Committee; and a member of ACI Committees 211, Proportioning Concrete Mixtures; 236, Material Science of Concrete; 238, Workability of Fresh Concrete; 239, Ultra-High-Performance Concrete; 363, High-Strength Concrete; 523, Cellular Concrete; and 544, Fiber Reinforced Concrete. He is also a past member of the National Scientific Network (National System of Researchers [SNI], Mexico); a member of the Mexican Academy of Sciences (AMC); Co-Founder and Vice President of the Concrete Nanotechnology and Nanoscience Society (CNNS), a nonprofit organization devoted to progress in concrete science; and Co-Founder of Reef Life Restoration, a nonprofit organization devoted to preserving ecosystems and decarbonization. He has developed innovative and effective technologies for advanced materials, including chemical admixtures, protective coatings, high-performance cement, and concrete.

Sobolev's research interests include the application of bottom-up engineering in nano-admixtures and nanotechnology for cement and concrete; particle packing models; application of evolutionary algorithms; design, modeling, and application of high-strength and high-performance materials; materials with photocatalytic properties; superhydrophobic materials; and three-dimensional (3-D) printing of concrete and auxetic and smart stress-sensing materials.

He received his BS and MS in civil engineering from Moscow State University of Civil Engineering, Moscow, Russia, in 1988, and his PhD from the Research Institute of Concrete and Reinforced Concrete, Moscow, in 1993.

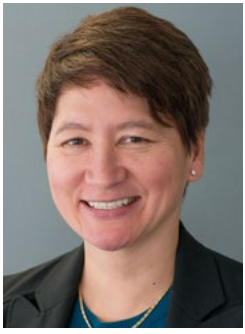
Personal Awards

MICHEL BAKHOUM INTERNATIONAL COLLABORATION AWARD

The **Michel Bakhoum International Collaboration Award** was established in 2024 and honors the memory of Professor and ACI member Michel Bakhoum, an internationally known structural engineer, researcher, and educator. This award was established by the initiative and naming financial support of Rami Awad; Taha Dhaouadi; Mohamed Farouk; Raad Hamood; Adel Labib; the Kačičnik Family; Nadja Kačičnik; George Morcous; Sami Rizkalla; Walid Sabbeh; Sherif Younan; family and friends of late Professor Michel Bakhoum; and e.Construct, Structural Engineering Consultants, Dubai, Omaha, Orlando, and Raleigh. Contributions were received from 11 countries: United States, Canada, Egypt, France, Germany, Kingdom of Saudi Arabia, Kuwait, Morocco, Slovenia, Tunisia, and United Arab Emirates (UAE).

This award is given for outstanding contribution to international collaborations for the progress of knowledge on reinforced and prestressed concrete and development /application of ACI codes, specifications, and guides worldwide for innovations in design and construction practices of concrete structures.

"for providing leadership, guidance, and support of ACI's international initiatives, and collaborating globally in technology transfer activities aimed at improving the durability and sustainability of concrete"



Kari Lee Yuers, FACI, is President and CEO of Kryton International Inc. in Vancouver, BC, Canada, appointed in 2001 after joining the global concrete waterproofing and durability admixture manufacturer as Vice President of Technical Services in 1991. She is designated with the Global ESG Competent Boards Certification and Designation (GCB.D).

Yuers is an ACI Fellow, past Chair and a current member of ACI Committee 212, Chemical Admixtures, and a member of ACI Committees E701, Materials for Concrete Construction, where she is the Document Chair for the ACI Education Bulletin E4-22, Chemical Admixtures for Concrete; E702, Designing Concrete Structures; and 362, Parking Structures. She is past Chair of the ACI International Advisory Committee (from 2010 to 2013, reappointed from 2020 to 2023); was Chair of the Convention Committee and Co-Chair of the ACI Concrete Convention – Spring 2003 in Vancouver; was a member of the ACI Financial Advisory Committee from 2010 to 2016; was a member of the ACI Educational Activities Committee from 2002 to 2010; was Chair of the ACI Task Group on Products, Services and Customer Relations in 2012 and was appointed to the ACI Strategic Plan Task Group for two Institute Strategic Plans (5 years); served on the ACI Board of Direction from 2007 to 2010; and was a member of the ACI Honors and Awards Committee, ACI Chapter Activities Committee, ACI Construction Liaison Committee, ACI Student and Young Professional Activities Committee (SYPAC), and the International Organization for Standardization (ISO)/TC 71 Advisory Committee.

Personal Awards

Yuers received the ACI Young Member Award for Professional Achievement in 2005 and the ACI Educational Committee Member of the Year Award in 2014.

Her research interests include concrete admixtures related to the permeability, durability, and sustainability of concrete structures, as well as materials for concrete repair and protection.

Personal Awards

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

The **Roger H. Corbetta Concrete Constructor Award** was established in 1972 by the Institute in recognition of Roger H. Corbetta, ACI Past President, for his creative leadership and his many outstanding contributions to the use of concrete for construction. This award received continued naming financial support from ASCC, Ruttura & Sons, and Baker Concrete Construction, Inc., in 2022.

The award is given to an individual or an organization who, or which, as a constructor, has made significant contributions to progress in methods of concrete construction.

"for his invaluable knowledge, dedication, and leadership in the development of ACI standards to improve concrete constructability by providing guidance on construction specifications, formwork design, construction tolerances, and sustainable concrete construction practices"

Eric Stephen Peterson, FACI, is a Director for Webcor Concrete and has been part of the Webcor Team since October 2000.

He has worked continuously for over 50 years in the construction industry, beginning as a carpenter's helper. He has been involved in projects within the heavy civil, transportation, environmental, manufacturing, health care, residential, and commercial building sectors. Some notable projects that he held the position of Senior Superintendent for include the BART Colma, a station, line, and trackwork; the I-280 Galvez Seismic Renovation Project, San Francisco, CA, USA; the Rockwell International Semiconductor Base Isolation Project, Newport Beach, CA; the San Francisco Federal Building; The Cathedral of Christ the Light, Oakland, CA; and the U.S. Naval Hospital Guam.

He is an ACI Fellow; Chair of ACI Committee 237, Self-Consolidating Concrete; past Chair and a current member of Joint ACI-ASCC Committee 117, Tolerances; and a member of ACI Committees 301, Specifications for Concrete Construction; 321, Concrete Durability Code; and 347, Formwork for Concrete. He is also a member of ASTM International Committee C09, Concrete and Concrete Aggregates.

Peterson received the ACI Construction Award in 2012. His interests include safety, durability, sustainability, constructability, formwork, concrete material science, structures, and architectural concrete.

Personal Awards

CLYDE E. KESLER EDUCATION AWARD

The **Clyde E. Kesler Education Award**, established in 1974, now honors Clyde E. Kesler, ACI Past President. This award was established by the naming financial support of University of Illinois Professors David A. Lange, Neil Hawkins, and Frances Young. (Award name was formerly the Joe W. Kelly Award.)

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

"for outstanding accomplishments as an educator, mentor, and researcher over his academic career and contributions to ACI technical committees and student chapters"

Alejandro Durán Herrera, FACI, is a Professor and the International Affairs Coordinator in the School of Civil Engineering of the Universidad Autónoma de Nuevo León (UANL), San Nicolás de los Garza, NL, Mexico. With 35 years of professional experience, he has supervised more than 50 theses, authored or co-authored over 50 scientific publications, and produced more than 1500 technical reports.

He is an ACI Fellow and is or has been a member of various ACI committees, including the Board of Direction, Certification Programs Committee, Chapter Activities Committee, Educational Activities Committee, and International Certification Subcommittee. Since 2006, he has been actively involved with the ACI Northeast Mexico Chapter (SNEM-ACI), where he has served as Secretary, Treasurer, Director of Educational Activities, Director of Student Chapters, Director of Certification, Technical Editor of *Concreto Latinoamérica*, and President of the Chapter from October 2024 to October 2026. He is also a member of the International Union of Laboratories and Experts in Construction Materials, Systems and Structures (RILEM), where he served as Regional Coordinator for Latin America from March 2017 to March 2024. Additionally, he is affiliated with ASTM International, the International Concrete Repair Institute (ICRI), and the Mexican Academy of Engineering.

Durán Herrera received the ACI Italy Chapter Award for outstanding contributions to concrete technology in Mexico in 2022, the ACI Certification Award in 2016, the ACI Chapter Activities Award in 2011, the ACI Young Member Award for Professional Achievement in 2004, SES-PROMEP Recognition of Desirable Profile for Full-Time Professors (Mexico) in 2006, and has been designated as a National Researcher by the National Council of Humanities, Sciences, and Technologies (CONAHCYT, Mexico) since 2005.

His research interests include high- and ultra-high-performance concrete, self-consolidating concrete, concrete volumetric stability, internal curing, use

of fly ash in concrete, fiber-reinforced concrete, nondestructive testing (NDT), and concrete durability.

He has been a civil engineer since 1990. He received his MsC in environmental engineering in 1994 and his PhD in engineering materials in 2003 from UANL, and a postdoctoral degree in concrete technology from the Université de Sherbrooke, Sherbrooke, QC, Canada, in 2007.

Personal Awards

ROBERT F. MAST AWARD

The **Robert F. Mast Award** was established in 2021 in recognition of Robert F. Mast, ACI Past President and a long-term member of ACI Committee 318, Structural Concrete Building Code.

The award is given for outstanding contributions to practical design codes and practices, particularly in the areas of precast and prestressed concrete and to the advancement of concrete know-how in other design engineers.

"for his extraordinary contributions to the development of knowledge on the design of precast prestressed concrete structures, particularly in the areas of seismic response and parking structures, and for the transfer of that knowledge into building codes and standards"

Ned M. Cleland, FACI, is an Executive Principal with AG&E in the Winchester, VA, USA, office specializing in precast, prestressed concrete design. He has 50 years of structural engineering experience, with 45 years in the specialty of precast, prestressed concrete. He owned and operated a consulting engineering firm for 36 years and joined AG&E over 3 years ago.

He is an ACI Fellow and a member of ACI Committees 132, Responsibility in Concrete Construction; 318, Structural Concrete Building Code; 362, Parking Structures; and 374, Performance-Based Seismic Design of Concrete Buildings; as well as Joint ACI-PCI Committee 319, Precast Structural Concrete Code; and Joint ACI-ASCE Committee 550, Precast Concrete Structures; and ACI Subcommittees 318-B, Anchorage and Reinforcement; 318-G, Precast and Prestressed Concrete; and 318-H, Seismic Provisions. He is also a member of the Precast/Prestressed Concrete Institute (PCI) and has served on several technical committees and research steering committees. He is a PCI Fellow, was named a PCI Titan of the Industry in 2014, and received the PCI Norman L. Scott Professional Engineer Award and the PCI Medal of Honor. He co-authored PCI MNL-140: Seismic Design of Precast/Prestressed Concrete Structures with S.K. Ghosh for two editions. He has been on advisory committees for research into unbonded post-tensioned walls and frames (Precast Seismic Structural Systems [PRESSS]) and on precast concrete diaphragms (Diaphragm Seismic Design Methodology [DSDM]), as well as a number of other prefabricated concrete research projects.

Cleland received his BS in civil engineering and his MEng from Rensselaer Polytechnic Institute, Troy, NY, USA, in 1973 and 1974, respectively, and his PhD from the University of Virginia, Charlottesville, VA, USA, in 1984, completing research into the deformation of slender precast spandrel beams. He was commissioned in the U.S. Army Corps of Engineers in 1973 and served 8 years of active reserve. He is a licensed professional engineer in 22 states.

Personal Awards

MICHAEL THOMAS CONCRETE DURABILITY AWARD

The **Michael Thomas Concrete Durability Award** was established in 2023 by the Institute in memory of Michael D.A. Thomas, Fellow of the Institute, for his imaginative and outstanding leadership in advancing excellence in concrete durability. The following have pledged their support for this award: Matthew Adams, Michael Ahern, Eric Giannini, Doug Hooton, Jason Ideker, Maria Juenger, Kimberly Kurtis, Robert Lewis, Vic Perry, Kyle Stanish, Paul Tikalsky, Jason Weiss, Michelle Wilson, Slag Cement Association (SCA), ACI Atlantic Chapter, American Cement Association (ACA), The American Coal Ash Association, Cement Association of Canada (CAC), CarbonCure Technologies Inc., Canadian Ready Mixed Concrete Association, GEMTEC Consulting Engineers and Scientists Limited, National Ready Mixed Concrete Association (NRMCA), Pivot Engineers, The Institute of Concrete Technology (ICT), and University of New Brunswick (UNB).

This award is given for outstanding contributions to the advancement of knowledge related to concrete durability.

"in recognition of his leadership in advancing knowledge on concrete durability and, specifically, preventing damage due to aggregate reactions through research, standards development, guidance to practicing engineers, and impactful mentoring of young professionals"

Benoit Fournier has been a Professor in the Department of Geology and Geological Engineering at Université Laval, Québec, QC, Canada, since 2007. Previously, he worked as a Research Scientist from 1990 to 1997 and Program Manager from 1999 to 2007 for the Advanced Concrete Technology Program of CANMET, Natural Resources Canada, Ottawa, ON, Canada. With Mohan Malhotra, he developed the CANMET Research Consortium for comparative field (outdoor exposure site) and laboratory evaluation of the effectiveness of supplementary cementitious materials to prevent alkali-silica reaction (ASR) in concrete. He has authored and co-authored over 300 technical papers and reports on various aspects of aggregates technology and the durability of concrete.

He is the Mentor of Université Laval's ACI Student Chapter and is currently Chair of the CSA Group Technical Subcommittee on Aggregate Reactions. He is past Chair of the ACI Québec and Eastern Ontario Chapter and a past member of ACI Committee 221, Aggregates, and ASTM International Committee C09, Concrete and Concrete Aggregates. He received the ACI Clyde E. Kesler Education Award in 2023.

Fournier's research interests include various aspects of aggregate technology, recycling, and sustainable development in concrete construction (including the use of supplementary cementitious materials, industrial by-products, and recycled aggregates), and the durability of concrete, especially related to deleterious aggregate reactions in concrete.

He received his bachelor's degree in 1983 and his master's degree and PhD in 1993 from Université Laval. He is a licensed professional engineer in Québec, Canada.

Personal Awards

CHARLES S. WHITNEY MEDAL

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

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

"for lifelong contributions to the advancement of engineering knowledge that have impacted concrete practice and improved concrete design"

Robert J. Frosch, FACI, is Vice Provost for Academic Facilities in the Office of the Provost and a Professor of Civil Engineering in the Lyles School of Civil and Construction Engineering at Purdue University, West Lafayette, IN, USA.

He is an ACI Fellow and has served and chaired numerous ACI technical and Board committees, including serving as Editor-in-Chief of the *ACI Structural Journal* and as a member of the ACI Technical Activities Committee (TAC). He is a past member of the ACI Board of Direction and a past Trustee of the ACI Foundation. He is Chair of ACI Subcommittee 318-D, Members, and the ACI Committee 318 Task Group on Simplified Design; and is a member of ACI Committee 318, Structural Concrete Building Code. He is also a Fellow of the American Society of Civil Engineers (ASCE) and a member of the Precast/Prestressed Concrete Institute (PCI), where he has served on a number of committees, including the Research and Development Council and the Technical Activities Council (TAC).

He received the ACI Young Member Award for Professional Achievement in 2002, the ACI Educational Activities Committee Speaker of the Year Award in 2012, the ACI Committee 318 Structural Concrete Building Code Distinguished Service Award in 2014, the ACI Foundation Arthur J. Boase Award in 2014, and the ACI Joe W. Kelly Award in 2020.

His research interests include the design and behavior of structural concrete, which has resulted in changes to engineering practice and building codes for both buildings and bridges. His research has developed new theories and design procedures in the fundamental areas of cracking, shear, and bond. In addition, he has conducted pioneering work on the use of fiber-reinforced polymer (FRP) reinforcement in concrete structures and the behavior and design of integral abutment bridges.

Frosch received his BSE in civil engineering from Tulane University, New

Personal Awards

Orleans, LA, USA, in 1991, and his MSE and PhD in civil engineering from The University of Texas at Austin, Austin, TX, USA, in 1992 and 1996, respectively. He is a licensed professional engineer in Indiana and Louisiana.

Personal Awards

ACI CONCRETE SUSTAINABILITY AWARD

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

"for his leadership and extraordinary contributions to ACI standards on durability and sustainability, and his industry-facing activities on lower-embodied-carbon concrete"

Thomas J. Van Dam, FACI, joined Wiss, Janney, Elstner Associates, Inc. (WJE) as a Principal in 2023, where he works at the Janney Technical Center in Northbrook, IL, USA. He has over 40 years of civil engineering experience, specializing in concrete materials, design, construction, evaluation, forensic investigations, materials assessment, resiliency, and sustainability. He has worked in both the private sector and academia, where he was an Associate Professor at Michigan Technological University, Houghton, MI, USA. In total, he has published over 100 technical papers, articles, and reports, and is a frequent presenter on pavements, concrete materials, and sustainability.

He is an ACI Fellow and a member of ACI Committees 130, Sustainability of Concrete; 201, Durability of Concrete; 232, Fly Ash and Bottom Ash in Concrete; 240, Pozzolans; and 325, Concrete Pavements. He is a past member of the ACI Technical Activities Committee (TAC); S803, Faculty Network Coordinating Committee; ACI Committees 07, Awards for Papers; and 71, Committee on Nominations; and ACI Subcommittee 53-C, Wason Medal for Materials Research Award Committee. He is also a member of ASTM International and the American Society of Civil Engineers (ASCE). He received the Delmar L. Bloem Distinguished Service Award in 2018.

His research interests include the reduction of embodied greenhouse gas emissions associated with concrete infrastructure, particularly for pavements, bridges, slab-on-ground, and tilt-up applications.

Van Dam received his BS, MS, and PhD in civil engineering from the University of Illinois Urbana-Champaign, Urbana, IL, USA, in 1984, 1986, and 1995, respectively. He is a licensed professional engineer in Illinois, Michigan, and Nevada. He is a Returned Peace Corps Volunteer (RPCV), having served in Tanzania from 1987 to 1989.

Paper Awards

WASON MEDAL FOR MOST MERITORIOUS PAPER

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

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

The paper "Experimental Investigation of Size Effect on Shear Strength of Reinforced Concrete Pile Caps," published in the January 2024 issue of the ACI Structural Journal, *pp. 105-117, is awarded the Wason Medal for Most Meritorious Paper*

ACI member **Lucas Alan Laughery** is Senior Engineer at Exponent in Austin, TX, USA, where he has worked since July 2024, following prior roles at ICON and SpaceX.

He is a member of ACI Committee 133, Disaster Reconnaissance, with whom he worked in the field to document and report on damage after earthquakes in Taiwan and South Korea; and Joint ACI-ASCE Subcommittee 445-B, Shear & Torsion-Seismic Shear. He is also active in the American Society of Civil Engineers (ASCE), where he pursues research interests in the design and construction of lunar infrastructure. He is Vice Chair of the ASCE Aerospace Division's Aerospace Advanced Materials and Structures Committee; Co-Chair of the Loads Subcommittee of the ASCE Aerospace Division's Lunar Infrastructure Engineering, Design, Analysis, and Construction (LIEDAC) Committee; and is active in the LIEDAC Architecture and Structures Subcommittee.

Laughery's research interests include the response of structures to extreme loads, such as those caused by earthquakes, high winds, or in aerospace launch environments. He received his BS degrees in architectural engineering and civil engineering from the Missouri University of Science and Technology (Missouri S&T), Rolla, MO, USA, in 2012, and his MS and PhD in civil engineering with a structural emphasis from Purdue University, West Lafayette, IN, USA, in 2013 and 2016, respectively. He subsequently worked as a Postdoctoral Researcher at Purdue University, and then as a Visiting Researcher at Nagoya Institute of Technology, Nagoya, Aichi, Japan, before returning to the United States. He is a licensed professional engineer in the states of Texas and Louisiana.

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ACI member **Toshikatsu Ichinose** is a Research Professor at Meijo University, Nagoya, Aichi, Japan, and Professor Emeritus at Nagoya Institute of Technology. He was Chair of the Reinforced Concrete Building Code Committee of the Architectural Institute of Japan from 2001 to 2018. He received his BS from Nagoya Institute of Technology in 1977, and his MS and PhD from The University of Tokyo, Bunkyō, Tokyo, Japan, in 1979 and 1982, respectively.

Kazuhiko Kasai is Professor Emeritus at Tokyo Institute of Technology (now Institute of Science Tokyo), Meguro, Tokyo, Japan. He has authored more than 1200 papers and reports. His research interests include earthquake engineering, vibration control, base isolation, steel structures, and general dynamic problems.

ACI member **Srinivas Mogili** has been an Assistant Professor in the Department of Civil & Environmental Engineering at the Indian Institute of Technology (IIT) Delhi, New Delhi, India, since December 2023. Prior to that, he was a Postdoctoral Researcher at National Taiwan University, Taipei, Taiwan, from August 2020 to December 2023.

He is a member of ASCE. His research interests include earthquake-resistant design and retrofit of structures, hazard-resilient structural systems, large-scale experimental testing, and analytical modeling of reinforced concrete members. Mogili received his Bachelor of Technology and Master of Technology in civil engineering with a specialization in structural engineering under the dual degree program from IIT Bombay, Mumbai, Maharashtra, India, in 2014. He received his PhD in civil engineering from The Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong, in 2019.

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ACI member **Shyh-Jiann Hwang** is a Professor in the Department of Civil Engineering at National Taiwan University. He has authored or co-authored over 100 technical papers.

From 2008 to 2014, he was a member of ACI Committee 318, Structural Concrete Building Code, and ACI Subcommittees 318-E, Section and Member Strength, and 318-H, Seismic Provisions. He is a current member of Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures. He received the ACI Symposium Volumes Award in 2024. His research interests include shear behavior of reinforced concrete members and seismic evaluation and retrofitting of reinforced concrete structures.

He received his BS in civil engineering from National Taiwan University in 1979, and his MS and PhD in civil engineering from the University of California, Berkeley, Berkeley, CA, USA, in 1982 and 1989, respectively.

Paper Awards

ACI *CONCRETE INTERNATIONAL* AWARD

The **ACI *Concrete International* Award** may be bestowed on the author(s) of articles published by *Concrete International* magazine that clearly exemplifies knowledge needed to use concrete effectively to meet the demands of a changing world. Peer review is not required.

The paper "Introducing Laboratory Research into the Classroom through Virtual Reality," published in the April 2024 issue of Concrete International, *pp. 49-52, is awarded the ACI* Concrete International *Award*

Gustavo J. Parra-Montesinos, FACI, has been a Professor of Structural Engineering in the Department of Civil and Environmental Engineering at the University of Wisconsin–Madison, Madison, WI, USA, since 2012. Between 2000 and 2012, he served as Assistant and Associate Professor of Structural Engineering at the University of Michigan, Ann Arbor, MI, USA.

He has been an ACI member since 1997 and an ACI Fellow since 2010. He is a past member of the ACI Publications Committee; past Chair of ACI Subcommittee 318-J, Joints and Connections; past Chair and a current member of Joint ACI-ASCE Committees 335, Composite and Hybrid Structures, and 352, Joints and Connections in Monolithic Concrete Structures; and a member of ACI Committee 318, Structural Concrete Building Code; the *ACI Structural Journal* Editorial Board; and ACI Subcommittees 318-C, Safety, Serviceability, and Analysis, and 318-H, Seismic Provisions. He is also a member of the American Society of Civil Engineers (ASCE) and the Earthquake Engineering Research Institute.

Parra-Montesinos has received numerous professional awards from ACI, including the ACI Foundation Arthur J. Boase Award in 2017, the Charles S. Whitney Medal in 2015, the Wason Medal for Most Meritorious Paper in 2012, the Chester Paul Siess Award for Excellence in Structural Research in 2011, and the ACI Young Member Award for Professional Achievement in 2006. He also received the ASCE Walter L. Huber Civil Engineering Research Prize in 2010, and the Shah Family Innovation Prize from the Earthquake Engineering Research Institute in 2004, and was named one of the Top 25 Newsmakers by *Engineering News-Record* in 2010.

His research interests include the inelastic behavior of reinforced concrete, fiber-reinforced concrete, and composite steel-concrete members, particularly under earthquake motions. He received his BS in civil engineering from Universidad Metropolitana in Caracas, Venezuela, in 1994, and his MS and PhD in civil engineering from the University of Michigan in 1997 and 2000, respectively.

Paper Awards

Stephen Patrick Andrew Rodrick is Assistant Coach and Owner of Alma Mater Esports, which he started in late January 2025. He is currently based in Englewood, CO, USA.

His research interests include human interaction with games, virtual reality simulations, and chemistry. He received his Bachelor of Innovation in Game Design and Development from the University of Colorado Colorado Springs, Colorado Springs, CO, in 2013, and his MS in game design from Full Sail University, Winter Park, FL, USA, in 2019.

Rodrick thanks ACI and his collaborators, Dan Mapes, Gustavo Parra-Montesinos, and Philip Carter, for this award.

Philip (Keep) Carter is a Senior Systems Architect and independent researcher based in Dallas, TX, USA. He is the author of *A Holistic View of Software and Enterprise Architecture*, published in 2024, a technical publication examining architectural thinking across modern software systems. He has over 13 years of professional experience in software development, enterprise architecture, and educational technology. Carter has led multiple technical teams and initiatives, including work in financial systems, government-secured projects, and virtual simulation environments. He is also a contributing member of the software architecture and artificial intelligence (AI) communities, with a focus on applied systems theory and ethics in automation.

His research interests include symbolic AI cognition, immersive learning platforms, systems architecture, and workflow automation in critical industries.

Carter received his BS in computer science with a focus on simulation and programming in 2019 and his MS in game design in 2020, both from Full Sail University.

Daniel P. Mapes is the Augmented Reality/Virtual Reality (AR/VR) Course Director in the Simulation Engineering program at Full Sail University and Lead Developer at Decision Tactical.

His early research in two-handed VR interfaces led directly to the commercialization of the SmartScene VR rapid prototyping scene assembly product in the early 1990s. As a Senior Researcher in LEGO's advanced toy research division in Denmark, he developed early prototypes of digital media games based on constructive

and interactive play. He was the Principal Investigator and primary developer of the award-winning TeachLivE teacher trainer.

Mapes received his BS in physics from Carnegie Mellon University, Pittsburgh, PA, USA, in 1983, and his MS in computer science from the University of Central Florida, Orlando, FL, in 1993.

Paper Awards

ACI SYMPOSIUM VOLUMES AWARD

The **ACI Symposium Volumes Award** is given to the author or authors of the best overall article published in an ACI Symposium Volume that year.

The paper "Deflection Behavior of Beams Prestressed with Bonded FRP Tendons," SP-360-33, March 2024, pp. 491-510, is awarded the ACI Symposium Volumes Award

ACI member **Wassim Nasreddine** is a Research Associate in the Department of Civil and Environmental Engineering at Rutgers, The State University of New Jersey, New Brunswick, NJ, USA.

He is a member of ACI Committee 435, Deflection of Concrete Building Structures, and ACI Subcommittee 440-I, FRP-Prestressed Concrete.

He specializes in structural health monitoring (SHM), weigh-in-motion (WIM) systems, and advanced finite element analysis (FEA), with extensive expertise in simulation tools such as Abaqus and LS-DYNA. His research interests include the development of innovative concrete materials and high-performance structural systems aimed at enhancing the resilience and long-term durability of civil infrastructure. He also leads investigations into the crashworthiness and impact performance of steel and concrete roadside barrier systems.

Nasreddine received his combined BS-MS degree from the Lebanese University, Beirut, Lebanon, in 2012; his MS in civil engineering from the American University of Beirut, Beirut, in 2015; and his PhD in structural engineering from Rutgers in 2022.

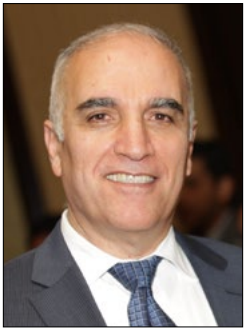
Peter H. Bischoff, FACI, is Honorary Research Professor and Professor Emeritus in Civil Engineering at the University of New Brunswick, Fredericton, NB, Canada, where he has contributed to teaching and research in the areas of reinforced and prestressed concrete for over 30 years.

He is a member of ACI Committees 224, Cracking; 435, Deflection of Concrete Building Structures; 440, Fiber-Reinforced Polymer Reinforcement; and 440C, FRP Reinforced Concrete Building Code; and ACI Subcommittees 440-H, FRP-Reinforced Concrete, and 440-I, FRP-Prestressed Concrete. He is a past member of ACI Committees 360, Design of Slabs on Ground; 370, Blast and Impact Load Effects; 444, Structural Health Monitoring; and 544, Fiber Reinforced Concrete; and Joint ACI-ASCE Committee 408, Bond and

Development of Steel Reinforcement. He has also served as Chapter Officer and Vice President of the ACI Atlantic Chapter.

Bischoff received the ACI Design Award in 2014 and the American Society of Civil Engineers (ASCE) T.Y. Lin Award in 2020 for an *ACI Structural Journal* paper related to deflection of prestressed concrete. His research interests include the serviceability behavior of concrete structures.

He received his BASc from The University of British Columbia, Vancouver, BC, Canada, in 1979; his MEng from McGill University, Montréal, QC, Canada, in 1983; and his DIC and PhD from Imperial College London and the University of London, London, UK, in 1988. He is a licensed professional engineer in the province of New Brunswick, Canada.



Hani Nassif, FACI, has been a Professor in the Department of Civil and Environmental Engineering at Rutgers, The State University of New Jersey, for more than 27 years. He is a Senior Editor of *Construction and Building Materials* and a Section Editor for the ASCE *Journal of Bridge Engineering*. He has authored or co-authored more than 350 papers published in journals, conference proceedings, and technical reports.

He is an ACI Fellow, has served as a member of the ACI Technical Activities Committee (TAC) from 2006 to 2012, and is past Chair of ACI Committee 444, Structural Health Monitoring, serving from 2012 to 2018. Currently, he is Chair of ACI Committee 549, Thin Reinforced Cementitious Products and Ferrocement; Vice Chair of ACI Subcommittee 440-I, FRP-Prestressed Concrete; and a member of ACI Committees 209, Creep and Shrinkage in Concrete, and 435, Deflection of Concrete Building Structures; and Joint ACI-ASCE Committee 343, Concrete Bridge Design. He is also a member of ASCE, the Precast/Prestressed Concrete Institute (PCI), and ASTM International.

Nassif received the ACI Foundation Arthur J. Boase Award in 2025 and the Lifetime Achievement Award from the ACI New Jersey Chapter in 2018. His research interests include structural concrete and the use of advanced cementitious and composite materials.

He received his BS and MS in civil engineering from the University of Detroit (now the University of Detroit Mercy), Detroit, MI, USA, in 1981 and 1983, respectively, and his PhD in structural engineering and a graduate certificate in electrical engineering and computer science (EECS) from the University of Michigan, Ann Arbor, MI, in 1993. Prior to his PhD, he had several years of practical experience. He is a licensed professional engineer (inactive) in the state of Missouri.

Paper Awards

METE A. SOZEN AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

The **Mete A. Sozen Award for Excellence in Structural Research** may be bestowed on the author(s) of a peer-reviewed *ACI Structural Journal* paper published by the Institute that describes a notable achievement in experimental or analytical research that advances the theory or practice of structural engineering and, most importantly, recommends how the research can be applied to design.

The paper "New Equations to Estimate Reinforced Concrete Wall Shear Strength Derived from Machine Learning and Statistical Methods," published in the January 2024 issue of the ACI Structural Journal, *pp. 89-104, is awarded the Mete A. Sozen Award for Excellence in Structural Research*

Matias Rojas-Leon is a practicing Structural Engineer and Researcher based in Santiago, Chile. He has worked at Saiful Bouquet Structural Engineers in Los Angeles, CA, USA, for over 2 years and remains involved in contributing to research on structural analysis and design.

He has over 10 years of experience in structural engineering, spanning both academic and industry settings. His research interests include seismic design and behavior of reinforced concrete structures and components, nonlinear analysis of reinforced concrete structures, performance-based design, and the application of machine learning and statistical methods in structural engineering, with an emphasis on exploring how these tools can be used to provide results applicable to structural design and analysis.

He received his BS in structural engineering from the University of Chile, Santiago, Chile, in 2013; his professional degree and MS in structural/earthquake engineering from the University of Chile in 2015; and his PhD in structural/earthquake engineering from the University of California, Los Angeles (UCLA), Los Angeles, CA, in 2022.

John W. Wallace, FACI, is a Distinguished Professor in the Civil & Environmental Engineering Department at UCLA, where he has worked since 1996. He has authored or co-authored over 100 peer-reviewed technical papers.

He is an ACI Fellow and was Chair of ACI Subcommittee 318-H, Seismic Provisions, for the 2025 Code cycle. He is a member of ACI Committees 318, Structural Concrete Building Code; 369, Seismic Repair and Rehabilitation; 369S, Seismic Evaluation and Retrofit Code; and 374, Performance-Based Seismic Design of Buildings. He is

also a Fellow and Life Member of the American Society of Civil Engineers (ASCE). He received the ACI Foundation Arthur J. Boase Award in 2020.

His research interests include assessing the behavior of structures subjected to earthquake and wind loading, laboratory and field testing of structural components and systems, and developing and validating models for structural analysis and design.

Wallace received his BS in civil engineering from the University of Vermont, Burlington, VT, USA, in 1982, and his MS and PhD in civil engineering from the University of California, Berkeley, Berkeley, CA, in 1984 and 1989, respectively.

ACI member **Saman Ali Abdullah** is a Lecturer in the Civil Engineering Department, College of Engineering, at the University of Sulaimani, Sulaymaniyah, Kurdistan Region, Iraq, and the Founder of Podium Construction and Design, Kurdistan Region, Iraq.

He is Executive Director of the ACI Kurdistan Chapter and a member of ACI Committee 374, Performance-Based Seismic Design of Concrete Buildings, and ACI Subcommittee 369-F, Retrofit; and was a member of ACI Subcommittees ACI 318-H, Seismic Provisions, and 318-W, Wind Provisions, for the 2025 Code cycle. He is also a member of ASCE and the Earthquake Engineering Research Institute. He received the ACI Young Member Award for Professional Achievement in 2022.

His research interests include performance-based seismic and wind design of concrete structures, behavior of tall buildings, and large-scale laboratory testing of building components.

Abdullah received his BS in civil engineering from the University of Sulaimani in 2008; his MS in structural engineering from California State University, Fullerton (Cal State Fullerton), Fullerton, CA, in 2014; and his PhD in structural/earthquake engineering from UCLA in 2019.

Kristijan Kolozvari is Professor of Civil Engineering in the Department of Civil and Environmental Engineering at Cal State Fullerton. He has authored or co-authored over 50 technical papers and reports. He developed and implemented a number of widely used analytical models for the nonlinear analysis of reinforced concrete structures in the computational platform OpenSees. He has 10 years of experience as a peer reviewer on tall building design projects, where he participated in peer-review panels of 60+ tall buildings located on the West Coast of the United States.

He is a past member of ACI Committee 374, Performance-Based Seismic

Design of Concrete Buildings. He is a member of the Los Angeles Tall Buildings Structural Design Council, where he is Chair of the Resilience Committee and serves as an active member of the Technical Committee, which develops “An Alternative Procedure for Seismic Analysis and Design of Tall Buildings.” He received the 2019 S.B. Barnes Research Award from the Structural Engineers Association of Southern California.

Kolozvari’s research interests include performance-based seismic design of buildings, seismic evaluation and retrofit, nonlinear and finite element structural analysis, high-performance computing, experimental testing of structural components and systems, and seismic resilience.

He received his BS in structural engineering from the University of Belgrade, Belgrade, Serbia, in 2006, and his MS and PhD in civil engineering from UCLA in 2010 and 2013, respectively. He is a licensed professional engineer in California.

Paper Awards

WASON MEDAL FOR MATERIALS RESEARCH

The **Wason Medal for Materials Research** may be bestowed on the author(s) of a peer-reviewed *ACI Materials Journal* paper published by the Institute that makes extraordinary contributions or impact on the state of knowledge of cement-based materials used in the construction industry.

The paper "Hooking Effect on Flexural Strength and Toughness of Steel Fiber-Reinforced Concrete Beams," published in the November 2024 issue of the ACI Materials Journal*, pp. 15-26, is awarded the Wason Medal for Materials Research*

S.H. Chu is a Visiting Scholar at The Pennsylvania State University, University Park, PA, USA.

He is dedicated to advancing sustainable, intelligent, and resilient infrastructure through integrated design of structural materials. He recently produced low-carbon cement from seawater and waste streams to develop self-prestressing steel fiber-reinforced concrete, based on cement chemistry, particle packing, and micromechanics. His research has led to 70 publications in Q1 journals.

He is a member of ACI Committees 239, Ultra-High-Performance Concrete, and 544, Fiber Reinforced Concrete. He is also a member of the Engineering Mechanics Institute (EMI) and the American Society of Civil Engineers (ASCE).

In 2015, he received the Hong Kong Green Innovations Award. In 2024, he was ranked among the World's Top 2% Scientists (career) by Stanford University and Elsevier.

Chu's academic appointments include Postdoctoral Research Scientist and Principal Investigator at Columbia University, New York, NY, USA; Research Fellow at Nanyang Technological University, Singapore; and Visiting Research Fellow at the University of Cambridge, Cambridge, UK. He received his PhD in structural engineering from The University of Hong Kong, Pokfulam, Hong Kong, with a full scholarship.

Lesley H. Sneed, FACI, is a Professor in the Department of Civil, Materials, and Environmental Engineering at the University of Illinois Chicago (UIC), Chicago, IL, USA, where she has worked since 2021. Currently, she is on assignment as a Program Director in the Division of Civil, Mechanical and Manufacturing Innovation (CMMI) at the National Science Foundation (NSF).

She is past Chair and a current member of ACI Committee 549, Thin Reinforced Cementitious Products

and Ferrocement, and a member of ACI Committee 318, Structural Concrete Building Code, and Joint ACI-ASCE Committee 445, Shear and Torsion. She is also a member of the Precast/Prestressed Concrete Institute (PCI) Standards Committee and serves as an Associate Editor of the ASCE *Journal of Composites for Construction*.

Her research interests include the shear and torsional behavior of concrete structures, repair and strengthening of structures, and evaluation of existing structures. She has authored or co-authored over 130 refereed publications.

Sneed received her BCE and MSCE in civil engineering from the Georgia Institute of Technology, Atlanta, GA, USA, and her PhD in civil engineering from Purdue University, West Lafayette, IN, USA. She is a licensed professional engineer in the states of Georgia and Missouri and a licensed structural engineer in Georgia.

ACI member **Doo-Yeol Yoo** is a Professor in the Department of Architecture and Architectural Engineering at Yonsei University, Seoul, South Korea, and an Affiliate Professor at The University of British Columbia (UBC), Vancouver, BC, Canada. He also serves as Director of the Advanced Construction Materials Laboratory at Yonsei University, where he leads pioneering research in high-performance and sustainable construction materials. He has authored or co-authored more than 280 peer-reviewed technical papers, one book chapter, and 27 international conference proceedings. His scholarly impact is demonstrated by a total citation count exceeding 15,260 and an h-index of 68 as of 2025 (Scopus).

He serves on the editorial boards of several international journals, including *Cement and Concrete Composites*, *Scientific Reports*, and *npj Materials Sustainability*, among others.

His distinguished honors include the Editor of Distinction Award from Springer Nature in 2025 and repeated recognition as one of the World's Top 2% Scientists by Stanford University and Elsevier from 2021 to 2023, with a global ranking of 53rd in the Building & Construction field in 2023. He was elected to the Young Korean Academy of Science and Technology (Y-KAST) and received the Presidential Award of the Republic of Korea as part of the 25th Young Scientist Award. Additional accolades include a Best Paper Award from the *International Journal of Concrete Structures and Materials* and a Commendation from the Ministry of Education of the Republic of Korea.

Yoo received his BS and PhD in civil, environmental, and architectural engineering from Korea University, Seoul, South Korea, in 2008 and 2014, respectively. He later served as a Postdoctoral Fellow in the Department of Civil Engineering at UBC.

Paper Awards

Albert K.H. Kwan is an Honorary Professor and former Head of the Department of Civil Engineering and Associate Dean of Engineering at The University of Hong Kong, where he received his PhD. He was a practicing civil, structural, and materials engineer before becoming an academic and has been serving as an Independent Construction Consultant while working as an academic. Altogether, he has more than four decades of teaching, research, and practical experience.

He established the Hong Kong Concrete Institute in 2008 and has been Founding President and Honorary President since. His research interests include concrete structures, concrete technology, and concrete science. His vision is to apply particle packing theory and filler technology to the mixture proportion designs of fiber-reinforced concrete, ultra-high-performance concrete, low-carbon concrete, high-modulus concrete, and low-heat concrete for sustainable development.