aci CONCRETE CONVENTION

THE WORLD'S GATHERING PLACE FOR ADVANCING CONCRETE

2024 AWARDS PROGRAM

NOVEMBER 3-6, 2024

Philadelphia Marriott Downtown,
Philadelphia, PA, 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.*

2024 Listing of Awardees

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

PERSONAL AWARDS

ARTHUR R. ANDERSON MEDAL
Arezki Tagnit-Hamou

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD
Lloyd Keller

CLYDE E. KESLER EDUCATION AWARD
Dimitri Feys

ROBERT F. MAST AWARD
Harry A. Gleich

MICHAEL THOMAS CONCRETE DURABILITY AWARD
Jason Weiss

HENRY C. TURNER MEDAL
Andrew W. Taylor

ACI CONCRETE SUSTAINABILITY AWARD
Karen Scrivener

PAPER AWARDS

WASON MEDAL FOR MOST MERITORIOUS PAPER
Carlos A. Arteta • Jack P. Moehle

ACI *CONCRETE INTERNATIONAL* AWARD
David G. Tepke • O. Burkan Isgor

ACI SYMPOSIUM VOLUMES AWARD
Julián Rincón • Kinsey C. Skillen • Santiago Pujol • Yu-Mei Chen • Aishwarya Y. Puranam • Shyh-Jiann Hwang

METE A. SOZEN AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH
Alex Micael Dantas de Sousa • Eva Lantsoght • Mounir Khalil El Debs

WASON MEDAL FOR MATERIALS RESEARCH
Keshav Bharadwaj • O. Burkan Isgor • Jason Weiss

ACI EDUCATION AWARD

Vicki L. Brown

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

"for his outstanding contributions to the knowledge base for cement chemistry and concrete technology and his pioneering work in the development, advancement, and use of ground-glass pozzolan through standards development and industry technology transfer activities"

Arezki Tagnit-Hamou, FACI, is a Full Professor in the Department of Civil and Building Engineering at the Université de Sherbrooke, Sherbrooke, QC, Canada. He is Head of the Cement and Concrete Research Group and is the Industrial Research Chair on Valorization of Waste Glass in Materials. He is also a founding member of the International Associated Laboratory on Eco-Materials (ECOMAT). He has been the Chair of the ACI/RILEM International Conference on Cementitious Materials and Alternative Binders for Sustainable Concrete (ICCM) since 2017.

Tagnit-Hamou is a founding member of ACI Committee 130, Sustainability of Concrete, and is a member of ACI Committees 239, Ultra-High-Performance Concrete; 240, Pozzolans; and 555, Concrete with Recycled Materials; and ACI Committee 240 Task Group 240-TG3, Calcined Clays Task Group. He is also a member of ASTM International Committees C01, Cement, and C09, Concrete and Concrete Aggregates. Additionally, he is an active member of the International Union of Laboratories and Experts in Construction Materials, Systems and Structures (RILEM) and CSA Group.

He was named a Fellow of ACI in 2009 and received the 2011 ACI Foundation Jean-Claude Roumain Innovation in Concrete Award. He also received the 2024 Quebec Professional Order of Engineers (OIQ) "Grand Prix d'Excellence Professionnelle" Award.

His research interests include the microstructure and physicochemistry of cement and concrete, the development of alternative cementitious materials, and low-carbon concrete. He has authored or co-authored over 250 peer-reviewed technical papers in international journals (and others in conference proceedings or patents).

Tagnit-Hamou received his BS in chemical engineering from the National Institute of Hydrocarbons and Chemistry (now the University of Boumerdès), Boumerdès, Algeria, in 1980, and his PhD in silicate engineering from the University of Pannonia, Veszprém, Hungary, in 1989. He is a licensed professional engineer in Québec, Canada.

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 open-mindedness and collaboration in researching, developing, and implementing effective solutions, including the use of high-performance concretes, to address construction challenges on iconic global projects, and, as Chair of ACI Committee 134, Concrete Constructability, leading efforts to create an awareness of new and innovative ideas and methods in construction"

Lloyd Keller, FACI, retired in January 2022. He was previously the Director of R&D/QA at EllisDon Construction.

He is past Chair of ACI Committee 134, Concrete Constructability, and a member of ACI Committees 201, Durability of Concrete; 207, Mass and Thermally Controlled Concrete; 237, Self-Consolidating Concrete; and 363, High-Strength Concrete.

He received the 2018 ACI Wason Medal for Most Meritorious Paper.

Keller received his diploma in civil and structural engineering technology from the British Columbia Institute of Technology, Burnaby, BC, Canada, in 1978. He is a licensed engineering technologist in British Columbia, Canada.

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.

"in recognition of his boundless energy, dedication, and commitment to the growth of the Institute's students and young professionals and his research to advance the state of the art knowledge and practice of the rheology of concrete and cement-based materials and three-dimensional (3-D) printing of concrete"

Dimitri Feys is an Associate Professor at the Missouri University of Science and Technology (Missouri S&T), Rolla, MO, USA, where he has worked since 2013.

He is Chair of the ACI Student and Young Professional Activities Committee (SYPAC), the ACI Young Member Award for Professional Achievement Committee, and ACI Subcommittee 238-A, Student Workability; and is a member of the ACI Honors and Awards Committee and ACI Committees S801, Student Competitions; S802, Teaching Methods and Educational Materials; S803, Faculty Network Coordinating Committee; S804, Walter P. Moore Award Committee; 237, Self-Consolidating Concrete; 238, Workability of Fresh Concrete; and 309, Consolidation of Concrete; and ACI Subcommittee 211-P, Guide for Selecting Proportions for Pumpable Concrete. He is active in several task groups enhancing engagement and retention of young members.

Feys received the 2018 ACI Young Member Award for Professional Achievement. His research interests include the rheology and workability of fresh concrete, mixture design, placement, and the consequences of placement on concrete performance.

He received his combined BS and MS in civil engineering in 2004 and his PhD in 2009 from Ghent University, Ghent, Belgium.

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 commitment to the innovative design of precast/prestressed concrete components and structures, and his contributions to ACI committees related to precast/prestressed concrete design and construction. Also, for his effective transfer of knowledge to others through professional papers, presentations, and standards development activities"

Harry A. Gleich, FACI, is President of Gleich Engineering & Associates, LLC, in Greenville, SC, USA. Prior to that, for 35-plus years, he was Vice President of Engineering for Metromont Corporation in Greenville, SC, and, before that, he worked in Florida for two precast concrete companies. He has authored or co-authored over 25 papers and reports.

He is past Chair of ACI Committee 533, Precast Panels, and Joint ACI-ASCE Committee 550, Precast Concrete Structures; current Vice Chair of Joint ACI-PCI Committee 319, Precast Structural Concrete Code; and a member of ACI Committee 362, Parking Structures; Joint ACI-ASCE Committee 423, Prestressed Concrete; and ACI Subcommittees 318-A, General, Concrete, and Construction, and ACI 318-E, Section and Member Strength. Gleich has served on ACI 318 Subcommittees for over 20 years, and is a past member of the ACI Technical Activities Committee. At the Precast/Prestressed Concrete Institute (PCI), he is past Chair of the PCI Technical Activities Council, the PCI Research and Development Council, and the PCI Parking Structures Committee, and has served on the PCI Board of Directors on three different occasions. He was a member of the PCI Precast Insulated Wall Panels Committee, the PCI Seismic Committee, and the PCI Industry Handbook Committee for six editions of the PCI Design Handbook. He is a current member of the PCI Design Standard Committee. He is also very involved in the South Carolina Society of Professional Engineers Piedmont Chapter and their MATHCOUNTS program.

Gleich was named a Fellow of ACI in 2005, a Fellow of PCI in 1999, and a PCI Life Member in 2013, and was elected a PCI Titan of the Precast Industry in 2014. He is also a Lifetime Member of the American Society of Civil Engineers (ASCE). He received the 2018 PCI Norman L. Scott Professional Engineer Award, the 2024 PCI Medal of Honor, and the 1997 South Carolina Society of Professional Engineers Piedmont Chapter Engineer of the Year Award.

Personal Awards

He received his BS in engineering from the University of South Florida, Tampa, FL, USA, in 1976. He is a licensed professional engineer in Alabama, Florida, Georgia, Louisiana, Maryland, Mississippi, Missouri, New Jersey, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia, and West Virginia.

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, 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, Portland Cement Association (PCA), 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.

"for his outstanding contributions to the understanding and dissemination of knowledge on the durability properties of concrete as a researcher, educator, and author of numerous journal publications"

Jason Weiss, FACI, is the Edwards Distinguished Chair in Engineering at Oregon State University, Corvallis, OR, USA. He has authored or co-authored over 275 refereed journal papers.

He is currently a member of the ACI Technical Activities Committee, and is past Chair of ACI Committees 123, Research and Current Developments, and 231, Properties of Concrete at Early Ages. Weiss has also served on the ACI Board of Direction and as the Editor-in-Chief of the *ACI Materials Journal*. He is also a Fellow of the International Union of Laboratories and Experts in Construction Materials, Systems and Structures (RILEM).

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

Personal Awards

HENRY C. TURNER MEDAL

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

"for his many contributions to the concrete industry and the Institute, including his dedicated service as a longtime member and current Chair of ACI Committee 318, Structural Concrete Building Code"

Andrew W. Taylor, FACI, is Technical Director at KPFF Consulting Engineers in Seattle, WA, USA. He has 36 years of experience in structural engineering research and practice, including 7 years with the Building and Fire Research Laboratory at the National Institute of Standards and Technology in Gaithersburg, MD, USA.

He is Chair of ACI Committees C672, ACI 318 Design Professional Certification, and 318, Structural Concrete Building Code; past Chair of ACI Subcommittee 318-H, Seismic Provisions; a member and past Chair of ACI Committee 374, Performance-Based Seismic Design of Concrete Buildings; and a member of the ACI Committee on Codes and Standards Advocacy and Outreach. He is a past member of the ACI Technical Activities Committee (TAC) and the TAC Liaison with ACI Committee 318, and ACI Committee 341, Performance-Based Seismic Design of Concrete Bridges. He is also a member of the American Society of Civil Engineers (ASCE).

Taylor was named a Fellow of ACI in 2007. He received the 2001 ACI Structural Research Award and the 2015 ACI Foundation Concrete Research Council Arthur J. Boase Award.

His research interests include experimental and theoretical investigations of the seismic behavior of reinforced concrete structures. His specialties include structural vibrations, performance-based seismic design of concrete structures, and seismic base isolation and seismic damping systems.

Taylor received his BSCE and MSCE from the University of Washington, Seattle, WA, in 1983 and 1985, and his PhD from The University of Texas at Austin, Austin, TX, USA, in 1990. He is a licensed professional and structural engineer in the state of Washington.

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 her pioneering research in cementitious materials and her leadership role in the development, technology transfer, and adoption of limestone calcined clay cement (LC^3) as a low-carbon cement for sustainable concrete construction globally"

ACI member **Karen Scrivener** is a Professor and Head of the Laboratory of Construction Materials at the École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland. She is the author of over 200 journal papers and was Editor-in-Chief of *Cement and Concrete Research* for 15 years.

Scrivener is a Fellow of the UK Royal Academy of Engineering, a Fellow and an Honorary Member of the International Union of Laboratories and Experts in Construction Materials, Systems and Structures (RILEM), and a member of ASTM International. She received the ACI Foundation Jean-Claude Roumain Innovation in Concrete Award and the Wason Medal for Most Meritorious Paper in 2022.

Her research interests include improving the sustainability of cement-based materials by understanding their chemistry and microstructure. This led to the development of LC^3 (limestone calcined clay cement) technology, which has already saved approximately 100 million tons of carbon dioxide (CO_2) worldwide as a clinker substitute and has the potential to save more than 500 million tons per year.

She graduated from the University of Cambridge, Cambridge, UK, in 1979, and received her PhD from Imperial College London, London, UK, in 1984.

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 "Compressive Behavior of Thin Rectangular Boundary Elements," published in the March 2023 issue of the ACI Structural Journal, *pp. 157-170, is awarded the Wason Medal for Most Meritorious Paper*

ACI member **Carlos A. Arteta** is an Associate Professor and the Director of the Department of Civil and Environmental Engineering at Universidad del Norte, Barranquilla, Colombia. With 17 years of professional experience in structural engineering, he has authored or co-authored over 50 journal and conference papers, as well as post-earthquake reconnaissance reports, contributing significantly to the field of earthquake engineering. His dedication to advancing the field of earthquake engineering is evident in his active participation in professional organizations, extensive publication record, and commitment to mentoring the next generation of engineers.

Arteta is a member of ACI Committees 318, Structural Concrete Building Code, and 374, Performance-Based Seismic Design of Concrete Buildings. He is Vice President of the Board of Directors of the ACI Republic of Colombia Chapter. Additionally, he is the Academic Coordinator for Colombia's National Seismic Risk Model (MNRS), the Founding President of the Colombian Earthquake Engineering Research Network (CEER), and serves on the Steering Committee of the Structural Extreme Events Reconnaissance (Steer) Network.

Arteta was a Fulbright Scholar from 2005 to 2007. He has been recognized with several awards, including the Distinguished Professor Award from Universidad del Norte in 2020 and the Francisco José de Caldas Scholarship for Doctoral Studies from the former Administrative Department of Science, Technology and Innovation (Colciencias), Colombia, in 2010.

His research interests include the response and design of buildings under seismic actions, with expertise in analyzing, designing, and evaluating risks associated with reinforced concrete structural systems. He also focuses on ground-motion modeling for South America.

Arteta received his BS in civil engineering from Universidad del Norte in 2003, and his MEng and PhD in structural engineering from the University of California, Berkeley, Berkeley, CA, USA, in 2007 and 2015, respectively.

Paper Awards

ACI Honorary Member **Jack P. Moehle** is a Professor of the Graduate School in the Department of Civil and Environmental Engineering at the University of California, Berkeley, Berkeley, CA, USA, where he has worked since 1980, and a Research Civil Engineer at the National Institute of Standards of Technology since 2021.

He is past Chair of ACI Committee 318, Structural Concrete Building Code, and a past member of the ACI Board of Direction and the ACI Technical Activities Committee.

He received the 1998 ACI Alfred E. Lindau Award, the 2001 ACI Delmar L. Bloem Distinguished Service Award, the 2007 ACI Chester Paul Siess Award for Excellence in Structural Research, the 2008 ACI Foundation Arthur J. Boase Award, the 2019 ACI Joe W. Kelly Award, and the 2023 ACI Wason Medal for Most Meritorious Paper.

His teaching and research interests include structural engineering, structural concrete, and earthquake engineering. He has a strong interest and record in the development of professional design guidance.

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 "Is the Inside of Your Structure Safe from Corrosion?" published in the August 2023 issue of Concrete International, *pp. 31-36, is awarded the ACI* Concrete International *Award*

David G. Tepke, FACI, is a Principal Engineer at SKA Consulting Engineers, Inc., Charleston, SC, USA, with more than 20 years of experience. In his current role, he is involved in structural and materials evaluations, nondestructive testing, construction troubleshooting, structural repair, and service-life extension of new and existing structures.

He is Chair of ACI Committee 222, Corrosion of Metals in Concrete, and the ACI Committee on Codes and Standards Advocacy and Outreach; a member and past Chair of Committee 329, Performance Criteria for Ready Mixed Concrete; and a member of ACI Committees 130, Sustainability of Concrete; 201, Durability of Concrete; 301, Specifications for Concrete Construction; 321, Concrete Durability Code; and 546, Repair; as well as ACI Subcommittee C601-N, ACI 562 Design Professional. Tepke was awarded an ACI Foundation student fellowship in 2001.

He is also a member of the American Society of Civil Engineers (ASCE) and other organization committees, including the International Concrete Repair Institute (ICRI) Professional Development Committee and ICRI Committee 510, Corrosion.

Tepke received his BS and MS in civil engineering from The Pennsylvania State University, University Park, PA, USA, in 1999 and 2001, respectively. He is an Association for Materials Protection and Performance (AMPP) Certified Corrosion Specialist and Protective Coating Specialist, an ACI Certified Nondestructive Testing Specialist, and an ICRI Certified Concrete Surface Repair Technician (CSRT). He is a licensed professional engineer in Alabama, Florida, Georgia, Maryland, New York, North Carolina, Pennsylvania, South Carolina, Tennessee, and Virginia.

Paper Awards

O. Burkan Isgor, FACI, is a Professor in the School of Civil and Construction Engineering at Oregon State University, Corvallis, OR, USA.

Isgor is past Chair and past Secretary of ACI Committee 222, Corrosion of Metals in Concrete (Chair from 2017 to 2023 and Secretary from 2011 to 2017), and is a member of ACI Committees 236, Material Science of Concrete, and 365, Service Life Prediction. He is also a member of the Canadian Society for Civil Engineering (CSCE) and the International Union of Laboratories and Experts in Construction Materials, Systems and Structures (RILEM). He received the 2021 and 2024 ACI Wason Medal for Materials Research and the 2022 ACI Concrete Sustainability Award.

His research interests include the corrosion of metals, thermodynamic modeling of cementitious materials, and reactive-transport modeling in concrete. He has authored or co-authored over 300 technical papers and reports.

Isgor received his BS in civil engineering from Boğaziçi University, Istanbul, Turkey, in 1995, and his MS and PhD in civil engineering from the Carleton University, Ottawa, ON, Canada, in 1997 and 2001, respectively. He is a licensed professional engineer in Ontario, Canada.

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 "Active Confinement of RC Columns with External Post-tensioned Clamps," SP-358_06, October 2023, pp. 106-125, is awarded the ACI Symposium Volumes Award

ACI member **Julián D. Rincón** is a PhD Candidate in earthquake engineering at the University of Canterbury, Christchurch, New Zealand.

He participated in ACI Committee 133's mission to Turkey to conduct earthquake reconnaissance in the area struck by the Kahramanmaraş Earthquake Sequence on February 6, 2023. Recently, he was deployed to Taiwan as part of a team from the New Zealand Society for Earthquake Engineering, conducting earthquake reconnaissance after the 2024 Hualien Earthquake.

Rincón's academic achievements include the 2022 New Zealand Society for Earthquake Engineering Research Scholarship Award, the 2022 QuakeCoRE Director's Award for his contribution as a leader of the QuakeCoRE Student Chapter at the University of Canterbury, and the 2017 Roberto Caicedo Award at Universidad del Valle, Cali, Colombia.

His research interests include the seismic performance of structures and the repair and retrofit of reinforced concrete structures. He received his BS in civil engineering from Universidad del Valle in 2017.

Kinsey C. Skillen is an Assistant Professor of civil and environmental engineering at Texas A&M University, College Station, TX, USA, and a Research Scientist for Major Highway Structures at the Texas A&M Transportation Institute. He is the Principal Investigator for the ACI Foundation Concrete Research Council's study titled "Alternative End-Specimen Conditions to Characterize Compressive Strength of Ultra-High-Performance Concretes."

He is a member of Joint ACI-ASCE Committee 408, Bond and Development of Steel Reinforcement. His research interests include large-scale testing of bridge structures, including hooked and headed bar reinforcement; shear; torsion; and ultra-high-performance concrete.

Skillen received his BS in civil engineering from Montana State University, Bozeman, MT, USA, in 2015, and his MS and PhD in civil engineering from Purdue University, West Lafayette, IN, USA, in 2017 and 2020, respectively.

Paper Awards

Santiago Pujol, FACI, is the Director of QuakeCoRE (the New Zealand Centre for Earthquake Resilience) and a Professor of civil engineering at the University of Canterbury, Christchurch, New Zealand, where he has been teaching since 2020.

He is Chair of ACI Committee 133, Disaster Reconnaissance, Vice Chair of Joint ACI-ASCE Subcommittee 445-B, Shear & Torsion-Seismic Shear, and a member of ACI Committee 314, Simplified Design of Concrete Buildings; Joint ACI-ASCE Committee 445, Shear and Torsion; and ACI Subcommittees 318-F, Foundations, and 318-1W, Wind Provisions.

Pujol received the 2016 ACI Chester Paul Siess Award for Excellence in Structural Research and the 2023 ACI Foundation Arthur J. Boase Award.

He received his BS in civil engineering from Universidad Nacional de Colombia, Medellín, Colombia, in 1995, and his MS and PhD in civil engineering from Purdue University, West Lafayette, IN, USA, in 1997 and 2002, respectively.

Yu-Mei Chen is an Engineer in the Central Taiwan Project Center of Sinotech Engineering Consultants Inc., Taichung, Taiwan. She has served in this position for approximately 2 years.

This is her first ACI paper as a co-author, and she is honored to receive this award for the first time. Her research interests include seismic retrofitting and the confinement effect of reinforced concrete members.

Chen received her BS in civil engineering from National Cheng Kung University, Tainan, Taiwan, in 2020, and her MS in structural engineering from National Taiwan University, Taipei, Taiwan, in 2022.

Aishwarya Y. Puranam is a freelance Consultant working in India. She was an Assistant Professor in the Department of Civil Engineering at National Taiwan University, Taipei, Taiwan, from 2019 to 2023.

She is a member of ACI Committee 133, Disaster Reconnaissance. Her research interests include the behavior of reinforced concrete structures subjected to seismic demands, post-disaster reconnaissance, large-scale experiments, and data preservation.

Puranam was a Postdoctoral Research Fellow at the University of Auckland, Auckland, New Zealand, from August 2018 to July 2019, and she received her BSCE, MSCE, and PhD from Purdue University, West Lafayette, IN, USA, in 2013, 2016, and 2018, respectively.

Shyh-Jiann Hwang, FACI, is a Professor in the Department of Civil Engineering at National Taiwan University, Taipei, Taiwan. He has also authored or co-authored over 100 technical papers.

He is a member of ACI Committee 369, Seismic Repair and Rehabilitation, and Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures. Hwang was a member of ACI Committee 318, Structural Concrete Building Code, from 2008 to 2014, and was also a member of ACI Subcommittees 318-E, Section and Member Strength, and 318-H, Seismic Provisions. His research interests include the 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

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 "Transition between Shear and Punching in Reinforced Concrete Slabs: Review and Predictions with ACI Code Expressions," published in the March 2023 issue of the ACI Structural Journal, *pp. 115-128, is awarded the Mete A. Sozen Award for Excellence in Structural Research*

ACI member **Alex Micael Dantas de Sousa** is an Assistant Professor in the Department of Civil Engineering at São Paulo State University (UNESP), Ilha Solteira, SP, Brazil, and a Postdoctoral Fellow at the São Carlos School of Engineering (EESC) at the University of São Paulo (USP), São Carlos, SP, Brazil.

He is a member of Joint ACI-ASCE Committee 421, Design of Reinforced Concrete Slabs. His research interests include the shear, punching, and numerical modeling of reinforced concrete structures.

Sousa received his BS in civil engineering from the Federal University of Rio Grande do Norte (UFRN), Natal, RN, Brazil, in 2016, and his MS and PhD in structural engineering from USP in 2019 and 2022, respectively.

ACI member **Eva Lantsoght** has been a Full Professor in the Department of Civil Engineering at Universidad San Francisco de Quito, Quito, Ecuador, since 2016, and an Associate Professor in the research group of Concrete Structures, Department of Engineering Structures, Faculty of Civil Engineering and Geosciences at Delft University of Technology, Delft, the Netherlands, since 2024.

She is Secretary of Joint ACI-ASCE Committee 421, Design of Reinforced Concrete Slabs, Chair of Joint ACI-ASCE Subcommittee 445-E, Shear & Torsion-Torsion, and a member of ACI Committees 342, Evaluation of Concrete Bridges and Bridge Elements; and 437, Strength Evaluation of Existing Concrete Structures; Joint ACI-ASCE Committee 445, Shear and Torsion; and Joint ACI-ASCE Subcommittee 445-D, Shear & Torsion-Shear Databases. She is also a member of the American Society of Civil Engineers (ASCE).

Her research interests include shear, torsion, and punching in structural concrete; assessment of existing concrete bridges; field testing of concrete bridges; and the structural performance of fiber-reinforced concrete.

Lantsoght received her MSc in civil engineering from Vrije Universiteit Brussel, Brussels, Belgium, in 2008; her MS in structural engineering from the Georgia Institute of Technology, Atlanta, GA, USA, in 2009; and her PhD in structural engineering from Delft University of Technology in 2013.

ACI member **Mounir Khalil El Debs** is a Senior Professor in the Department of Structures of the São Carlos School of Engineering (EESC) at the University of São Paulo (USP), São Carlos, SP, Brazil.

He is also a member of the Precast/Prestressed Concrete Institute (PCI). His research interests include reinforced and prestressed concrete, precast concrete, and thin-walled concrete elements.

Debs received his BS in civil engineering and his MS and PhD in structural engineering from USP in 1972, 1976, and 1984, respectively.

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 "Pozzolanic Reactivity of Supplementary Cementitious Materials," published in the July 2023 issue of the ACI Materials Journal, *pp. 63-76, is awarded the Wason Medal for Materials Research*

ACI member **Keshav Bharadwaj Ravi** is an Assistant Professor in the Department of Civil Engineering at the Indian Institute of Science (IISc), Bengaluru, Karnataka, India, a position he has held since July 2024. Before this, he was an Assistant Professor in the Department of Civil Engineering at the Indian Institute of Technology (IIT) Delhi, New Delhi, India, from October 2023 to July 2024.

He is a member of ACI Committees 232, Fly Ash and Bottom Ash in Concrete; 236, Material Science of Concrete; and 240, Pozzolans.

His research interests include thermodynamic modeling, multi-scale modeling of cementitious systems, durability of concrete, sustainable performance-engineered concrete, reactivity of supplementary cementitious materials, and designing low-carbon binders.

He received his Bachelor of Technology (Honors) in civil engineering and Master of Technology in applied mechanics from IIT Madras, Chennai, Tamil Nadu, India, in 2018, and his PhD in civil engineering from Oregon State University, Corvallis, OR, USA, in 2022.

O. Burkan Isgor, see page 14.
Jason Weiss, see page 8.

Personal Awards

ACI EDUCATION AWARD

ACI Education Award—Recognizes an individual who has made notable contributions to the advancement of initiatives by the ACI Educational Activities Committee (EAC). These initiatives include documents, videos, or other products produced by EAC Committees; seminars; webinars; ACI University courses; and other products and programs developed by EAC or its committees. Notable contributions may be but are not limited to: leadership in the development of products or programs of EAC, significant advancement of or advocacy for the use of EAC products or programs, and contributions to the activities of EAC Committees.

"for her focus, drive, dedication, and technical expertise in supporting the new ACI CODE-440.11-22. Her contributions have helped raise awareness of ACI CODE-440.11-22 through the development and delivery of a new full-day in-person seminar and Certificate Program"

Vicki L. Brown, FACI, is a Distinguished University Professor at Widener University, Chester, PA, USA, where she has served as a faculty member in the Civil Engineering Department for 43 years.

She is Chair of ACI Committee 440C, FRP Reinforced Concrete Building Code; past Chair and a past member of the ACI Chapter Activities Committee (CAC) and Educational Activities Committee (EAC); and a member of ACI Committees S801, Student Competitions; S803, Faculty Network Coordinating Committee; S804, Walter P. Moore Award Committee; and 440, Fiber-Reinforced Polymer Reinforcement; and ACI Subcommittees 440-F, FRP-Repair- Strengthening; 440-G, FRP-Student; and 440-H, FRP-Reinforced Concrete. She is also a Life Member of the American Society of Civil Engineers (ASCE). She received the 2023 ACI Delmar L. Bloem Distinguished Service Award.

Her research interests include the application of high-performance fiber-reinforced polymer (FRP) composites for reinforced concrete structures.

Brown received her BS in civil engineering technology from the University of Pittsburgh, Pittsburgh, PA, in 1976, and her PhD in civil engineering from the University of Delaware, Newark, DE, USA, in 1988. She is a licensed professional engineer in Pennsylvania.