

2014 Awards Program

March 23 • Grand Sierra Resort • Reno, NV

Table of Contents

List of Awards	2-3
Honorary Members.....	4-9
50-Year Membership Citations.....	10-12
Fellows	13-29
Arthur R. Anderson Medal.....	30
Roger H. Corbetta Concrete Constructor Award.....	31
Joe W. Kelly Award.....	32
Henry L. Kennedy Award.....	33
Alfred E. Lindau Award.....	34
Henry C. Turner Medal	35
Charles S. Whitney Medal.....	36
Cedric Willson Lightweight Aggregate Concrete Award.....	37
ACI Certification Award	38-39
ACI Distinguished Achievement Award.....	40
ACI Young Member Award for Professional Achievement.....	41-43
Wason Medal for Most Meritorious Paper.....	44-46
ACI Construction Award	47
Wason Medal for Materials Research	48-49
Chester Paul Siess Award for Excellence in Structural Research	50-52
ACI Design Award	53-54
Delmar L. Bloem Distinguished Service Award.....	55-56
Chapter Activities Award	57-59
Walter P. Moore, Jr. Faculty Achievement Award	60
Chapter Awards—Citations of Excellence	61
ACI Award for University Student Activities.....	62
Educational Activities Committee Speaker of the Year Award	63
Index	64-68

Awards

HONORARY MEMBERSHIP

James R. Cagley
Mario A. Chiorino
Antoine (Tony) E. Naaman

Enrique Pasquel
William R. Tolley

50-YEAR MEMBERSHIP

John F. Abel
Karl J. Anderson
Jon B. Ardahl
Paul Carrier
Robert E. Chester
Kun-Young Chiu
Bernardo Deschapelles
Vincent Desimone
Bernard Feinberg
Sidney Freedman

Barry A. Goldberg
Teodoro E. Harmsen
Hanny Hassan
Shoji Ikeda
Claude E. Jaycox
Andrew J. Kaminker
Hideo Kawakami
Jack F. Llewellyn
Tito R. Marzotto
Gary R. Mass

Larry G. Mrazek
Victor M. Pavon
John R. Robinson
Gajanan M. Sabnis
S. Sakda
Edmund P. Segner Jr.
Ramnath Narayan Swamy
David C. K. Tay
Michael Anthony Taylor
Cloyd E. Warnes

FELLOWS

Adeola K. Adediran
Daksh Baweja
Alain Belanger
Bryan R. Castles
Joseph A. Daczko
John Gajda
Jack Gibbons
Thomas M. Greene
Frances T. Griffith

W. Micah Hale
Thomas Kang
Robert C. Lewis
Miguel Mota
Hiroshi Mutsuyoshi
Matthew Offenberg
Oon-Soo Ooi
Jan R. Prusinski
Jorge L. Quiros, Jr.

Lawrence R. Roberts
Anton K. Schindler
Halil Sezen
Matthew R. Sherman
Amy M. R. Trygestad
Gustavo Tumialan
Victor Hugo Villarreal
Patrick Watson

ARTHUR R. ANDERSON MEDAL

Geert De Schutter

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

Joseph C. Sanders

JOE W. KELLY AWARD

Jerry A. Holland

HENRY L. KENNEDY AWARD

Randall W. Poston

Awards

ALFRED E. LINDAU AWARD

David A. Fanella

HENRY C. TURNER MEDAL

Ramón L. Carrasquillo

CHARLES S. WHITNEY MEDAL

David W. Somero

CEDRIC WILLSON LIGHTWEIGHT AGGREGATE CONCRETE AWARD

H. Celik Ozyildirim

ACI CERTIFICATION AWARD

Frances T. Griffith • David L. Hollingsworth • Jerry Woods

ACI DISTINGUISHED ACHIEVEMENT AWARD

California Construction and Industrial Materials Association (CalCIMA)

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

Stephan A. Durham • Walter H. Flood IV • Jason H. Ideker

WASON MEDAL FOR MOST MERITORIOUS PAPER

Alejandro Pérez Caldentey • Patricio Padilla Lavaselli • Aurelio Muttoni • Miguel Fernández Ruiz

ACI CONSTRUCTION AWARD

Nicholas J. Carino

WASON MEDAL FOR MATERIALS RESEARCH

Kambiz Raoufi • W. Jason Weiss

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

Amr Hosny • Hatem M. Seliem • Sami H. Rizkalla • Paul Zia

ACI DESIGN AWARD

Peter H. Bischoff • Mohammadali Darabi

DELMAR L. BLOEM DISTINGUISHED SERVICE AWARD

Kenneth J. Elwood • Lawrence F. Kahn • David Kerins

CHAPTER ACTIVITIES AWARD

Luis Alvarez-Valencia • Bryan Angelo • Maher El Barrak • Dean R. Plank

WALTER P. MOORE, JR. FACULTY ACHIEVEMENT AWARD

Tyler Ley

CHAPTER AWARDS—CITATIONS OF EXCELLENCE

ACI AWARD FOR UNIVERSITY STUDENT ACTIVITIES

EDUCATIONAL ACTIVITIES COMMITTEE SPEAKER OF THE YEAR AWARD

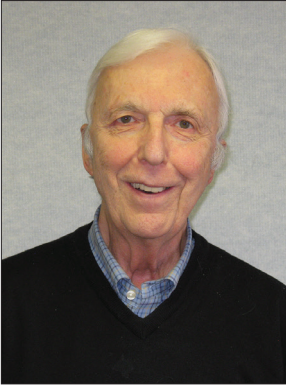
Donald F. Meinheit

Honorary Members

Honorary membership—
The Institute’s highest honor recognizes persons “of eminence in the field of the Institute’s interest, or one who has performed extraordinary meritorious service to the Institute.”
(Bylaws, Article II, Section 2.)
Established in 1926, 229 have been elected to this position.

Honorary Members

“for several decades of exceptional service to the Institute on the Building Code committee, as President, and his international outreach to Latin America”



James R. Cagley is Chair of the Board of Cagley & Associates, Inc., Consulting Structural Engineers, located in Rockville, MD. He is also President of The Cagley Group.

Prior to coming to the Washington area in 1973, Cagley was a Vice President and Manager of the Engineering Division of Caudill Rowlett Scott, Architects and Engineers, Houston, TX. Until 1971, he was Manager of Structural Engineering and in that capacity was directly involved in the design of many large educational and health facility projects.

A Fellow and Past President of ACI, he is a Chair of the ISO TC-71 Advisory Committee; past Chair and current member of ACI Committee 318, Structural Concrete Building Code; past member of the Board of Direction; past Vice Chair of the ACI Concrete Research and Education Foundation; a member of the Concrete Research Council; and a member of ACI Committee 314, Simplified Design of Concrete Buildings; and Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures. He is a Past President of the Applied Technology Council (ATC), and was Chair of SC 4, Performance Requirements for Structural Concrete, for approximately 10 years. Cagley also served a term as Chair of the Council of American Structural Engineers (CASE).

In 2005, he was named a Legend of Post-Tensioning by the Post-Tensioning Institute (PTI) and was inducted into the PTI Hall of Fame. He was also named by *Concrete Construction* magazine as one of the 2005 Ten Most Influential People in Concrete.

Cagley was one of the founders and the first President of the National Council of Structural Engineers Associations (NCSEA). He is a Life Member of the American Society of Civil Engineers (ASCE), and is presently a member of Committee ASCE 7, Minimum Design Loads for Buildings and Other Structures, and past Chair of the Task Committee on Live Loads.

He is the recipient of numerous honors and awards, including the ACI National Capital Chapter Distinguished Chapter Member Award in 1997, the ACI Delmar L. Bloem Award for Distinguished Service in 2000, the ACI Henry L. Kennedy Award in 2000, the ACI Alfred E. Lindau Award in 2002, and a CASE Citation.

He received his BS in architectural engineering from Iowa State University, Ames, IA, in 1958. He is a licensed engineer in Maryland and 32 other jurisdictions, including California, where he is a licensed structural engineer.

Honorary Members

“for his extraordinary efforts as ACI international ambassador and for having energized the largest European ACI chapter in Italy”



Mario A. Chiorino is Professor Emeritus of Structural Analysis and past Vice-Rector for Education at Politecnico di Torino, Torino, Italy, where he also served as a Professor of theory and design of structures and structural analysis of masonry and monumental structures. He was a Visiting Professor in Japan and India and has held seminars and lectures in France, the Soviet Union, Denmark, Switzerland, Spain, Mexico, and other countries. He contributed to the International Course on Structural Concrete promoted by Comité Euro-International du Béton (CEB), Lisbon, Portugal, in 1973. Under ACI patronage, he

co-coordinated the course on Analysis of Creep and Shrinkage Effects in Concrete Structures at the International Centre for Mechanical Sciences (CISM) in 2011.

Chiorino is a member of the Turin Academy of Sciences, Life Member of the International Federation for Structural Concrete (*fib*), and Honorary President of the ACI Italy Chapter. A Fellow of ACI since 2007, he is a member of the ACI International Advisory Committee and Chair of ACI Committee 209, Creep and Shrinkage in Concrete. He is a past member of the CEB Advisory Committee and member or past member of several international associations and their committees, such as CEB, *fib*, International Association for Shell and Spatial Structures (IASS), RILEM, International Association for Bridge and Structural Engineering (IABSE), and International Committee for Industrial Chimneys (CICIND).

He has authored or co-authored many papers, books, and volumes and was main editor of the CEB 1984 *Manual on Structural Effects of Time-Dependent Behaviour of Concrete*. His research interests include concrete viscoelasticity and related structural effects, mechanics of masonry structures, conservation of architectural heritage, history of structural mechanics, and structure versus architecture.

He has designed large reinforced and prestressed concrete structures, including buildings, bridges, tall chimneys (Italian record height of 250 m for reinforced concrete structures), and thermal and nuclear power plants.

Chiorino received his civil engineering degree from Politecnico di Torino in 1962, where he was Assistant Professor prior to joining the Venice School of Architecture as Associate Professor, and then Politecnico di Torino as Full Professor in 1975.

Honorary Members

“for his lifetime contributions to ACI and the concrete industry through his work in prestressed concrete, fiber-reinforced thin laminated cementitious composites, and the integration of advanced materials in special structural applications”



ACI Fellow **Antoine (Tony) E. Naaman** is Professor Emeritus of Civil Engineering at the University of Michigan, Ann Arbor, MI. He has been involved in teaching and research for more than 40 years, and retired from teaching in 2007.

He is a consulting member of ACI Committee 544, Fiber-Reinforced Concrete, and Joint ACI-ASCE Committee 423, Prestressed Concrete; and member and former Chair of ACI Committee 549, Thin Reinforced Cementitious Products and Ferrocement. He is a former member of ACI Committees 363, High-Strength Concrete, and 440, Fiber-Reinforced

Polymer Reinforcement, and Joint ACI-ASCE Committees 343, Concrete Bridge Design, and 446, Fracture Mechanics of Concrete. He is a Fellow of the American Society of Civil Engineers (ASCE) and Fellow of the Precast/Prestressed Concrete Institute (PCI). He has received several professional awards, including the ASCE T.Y. Lin Award twice (1980, 1993), the PCI Martin P. Korn Award twice (1979, 1986), Germany's Alexander von Humboldt Award (1989), the PCI Distinguished Educator Award (2011), and the ACI Chester P. Siess Award for Excellence in Structural Research (2011). He has lectured at universities and symposia venues worldwide, including teaching short courses in Brazil, China, Colombia, Cuba, Italy, Mexico, Lebanon, Singapore, and Thailand.

His research interests include prestressed concrete, high-performance and ultra-high-performance fiber-reinforced cement composites, ferrocement, textile reinforced concrete, fiber-reinforced polymer reinforcements, and the integration-tailoring of advanced construction materials to improve structural performance. He has authored more than 350 technical publications, two textbooks (one on ferrocement and one on prestressed concrete), and co-edited 13 symposia proceedings.

Naaman received his MS and PhD in civil engineering from the Massachusetts Institute of Technology, Cambridge, MA, in 1970 and 1972, respectively. He also received an Engineering Diploma from École Centrale in Paris, France, in 1964, and a specialty degree in reinforced and prestressed concrete from the Centre des Hautes Etudes de la Construction in Paris, France, in 1965.

Honorary Members

“for his extraordinary work for concrete in Peru and for bringing the Peruvian ACI Chapter to the foremost place among overseas ACI chapters”



Enrique Pasquel is President of Pasquel Consultores – Especialistas en Concreto, a consulting company focusing in concrete technology and special construction processes, and the Control Mix Express, a concrete quality control firm, both located in Lima, Peru.

From 1975 to 1981, he was a Researcher and Manager at the Seismic Structures and Testing Materials Laboratories in the Engineering Department of the Universidad Católica del Perú. He has been Professor of Concrete Technology at the Universidad Católica del Perú and the Universidad Privada

de Ciencias Aplicadas in Lima, Peru, since 1995. Pasquel worked for more than 35 years as a researcher, contractor, or consultant in major concrete projects, including buildings, nuclear plants, irrigation systems, airports, bridges, harbors, repairs, and restorations in Peru. From 1997 to 2011, he was the R&D Manager of UNICON, Peru’s largest ready mixed concrete company.

An ACI member since 1993, he served as President of the ACI Peru Chapter from 2001 to 2005 and became an ACI Fellow in 2006. He received the Henry C. Turner Medal in 2006 and the Chapter Activities Award in 2007. Pasquel is a member of ACI Subcommittees 318-L, International Liaison, and 318-S, Spanish Translation Task Group, the ACI Chapter Activities Committee, the ACI Fellows Nomination Committee, and the ACI Publications Committee. He has been active in ASTM International, where he serves as a member on several ASTM technical committees and is a Certified Instructor for ASTM courses in Latin America. He has written a book on concrete technology basics and published several papers on concrete durability on severe environments, shotcrete for mining applications, volumetric changes and cracking, concrete admixtures, high-performance concrete, and behavior of concrete at high altitudes.

Pasquel received his degree in civil engineering from the Universidad Católica del Perú in 1974 and training in concrete research at Delft University of Technology, Delft, the Netherlands, in 1980.

Honorary Members

“for steering the administration of ACI with wisdom, patience, and loyalty during good and bad times for countless years of tremendous success”



Prior to retiring in 2010, **William R. Tolley** served as ACI’s Executive Vice President (EVP), President of the ACI Foundation, and the Foundation’s Strategic Development Council (SDC). He also served as President of Creative Association Management (CAM), a subsidiary of ACI that provides management and other services to concrete and construction-related associations.

As EVP, he was instrumental in strengthening ACI’s financial health, expanding member benefits, reorganizing ACI’s conventions and educational programs, and restructuring the ACI Foundation and its Student and Strategic Development Councils.

During his 35-year career with ACI, he served as Senior Managing Director, Director of Administrative Services, and Chief Financial Officer. He served on the ACI Board of Direction, Executive Committee, Financial Advisory Committee, Chapter Activities Committee, and International Committee.

Tolley was instrumental in expanding ACI international presence by organizing and conducting international conferences and seminars. He developed relationships with international concrete-related societies and established International Partnerships, expanding cooperative efforts worldwide.

He received his bachelor’s degree in business administration from Walsh College, Troy, MI, in 1973. Tolley received the Henry L. Kennedy Award in 1991 for “outstanding leadership in strengthening and expanding chapter activities, and professional administration of the Institute’s budgets and finances.” He was elected Fellow of the Institute in 1994. In 2006, he was named one of the 10 most influential people in the concrete industry by *Concrete Construction* magazine and in 2011 was named CEO Emeritus by the Council of Engineering and Scientific Society Executives (CESSE).

Tolley served as Treasurer, Board member, and Chair of the Finance and Administrative Committee of CESSE. He was active in the American Society for Association Executives (ASAE) and is an ASAE Certified Association Executive. He served as Chair of the Concrete and Masonry Related Associations (CAMRA) and the Blue Cross and Blue Shield of Michigan Customer Advisory Council.

50-Year Membership Citations

Expression of appreciation to members who have contributed to the success of the Institute by maintaining membership of at least 50 years.



John F. Abel



Jon B. Ardahl



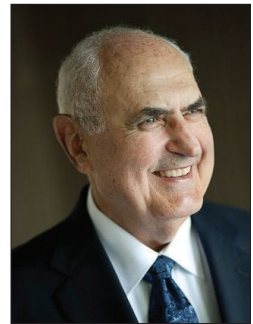
Paul Carrier



Robert E. Chester



Bernardo Deschappelles



Sidney Freedman



Teodoro E. Harmsen



Shoji Ikeda



Claude E. Jaycox

50-Year Membership Citations



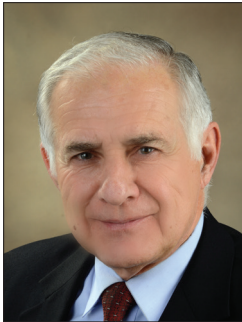
Andrew J. Kaminker



Hideo Kawakami



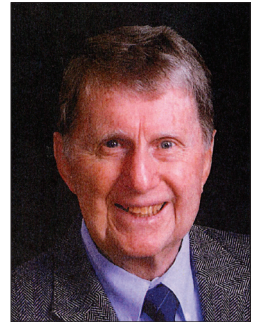
Jack F. Llewellyn



Tito R. Marzotto



Gary R. Mass



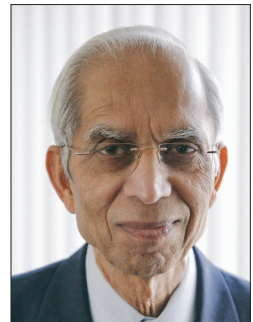
Larry G. Mrazek



Victor M. Pavon



John R. Robinson



Gajanan M. Sabnis

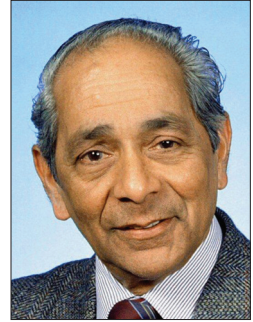
50-Year Membership Citations



S. Sakda



Edmund P. Segner Jr.



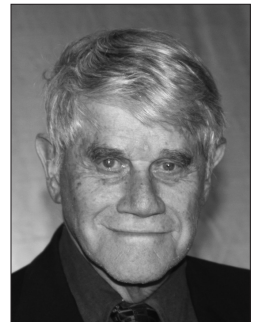
Ramnath Narayan Swamy



David C. K. Tay



Michael Anthony Taylor



Cloyd E. Warnes

NOT PICTURED:

**Karl J. Anderson
Kun-Young Chiu
Vincent Desimone**

**Bernard Feinberg
Barry A. Goldberg
Hanny Hassan**

Fellows

Fellow—“A Fellow shall be a person who has made outstanding contributions to the production or use of concrete materials, products, and structures in the areas of education, research, development, design, construction, or management.”

(Bylaws, Article II, Section 3)

Created in 1973, 762 members now hold the position of Fellow. They are recommended by the Fellows Nomination Committee and elected by the Board of Direction.



Fellows



Adeola K. Adediran is a Technical Specialist for Bechtel Power Corporation, Frederick, MD. She is also a Blast Engineer. She is a licensed professional engineer in Texas, Washington, and California, and a licensed structural engineer in California.

She has authored several technical papers. She was nominated as the 2005 Tricities Engineer of the Year by the Society of Women Engineers East Washington State Branch. She is also a 1992 International Fellow of the American Association of University Women. She is the current Chair of ACI Subcommittee 349-B, Nuclear Structures-Design, and the incoming Chair of ACI Committee 349, Concrete Nuclear Structures. Adediran is also Vice Chair of the ACI 349/359/370 Task Group and a member of ACI Committees 355, Anchorage to Concrete, and 370, Blast and Impact Load Effects.

Adediran received her doctorate degree in nonlinear dynamics from the University of Florida, Gainesville, FL.



Daksh Baweja is Director of Engineered Material Solutions, Wahroonga, NSW, Australia, a specialist consultancy that provides strategic advice in areas relating to civil engineering materials. He is also Director of BG&E Materials Technology and Associate Professor of civil engineering at the University of Technology, Sydney (UTS), Ultimo, NSW, Australia. He has worked with government, research, and commercial organizations prior to setting up his consultancy and commencing at UTS from 2009.

Baweja is a Past President of the Concrete Institute of Australia and is a Fellow of Engineers Australia. He was a member of the Green Building Council of Australia Concrete Expert Reference Panel that reviewed the recently published Green Star Mat-4 Concrete Materials credit. He received an award for sustained and outstanding contributions to concrete technology from the CANMET/ACI International Conferences in 2007 during the 9th CANMET/ACI International Conference on Recent Advances in Concrete Technology. Baweja also received Life Membership of the Concrete Institute of Australia in 2013.

His research interests include the concrete materials field.

He received his master's and PhD degrees in civil engineering from the University of Sydney.

Fellows



Alain Belanger has worked for National Concrete Accessories, Toronto, ON, Canada—a major manufacturer of concrete form hardware—for 31 years. He is currently Sales Supervisor, Ontario, and works closely with distributors in Ontario.

He is an active member of Construction Specifications Canada and the Toronto Construction Association. Belanger was awarded the Concrete Industry Distinguished Service Award in 2009. Belanger has been the Secretary/Treasurer of the ACI Ontario Chapter since 1987, and was

rewarded at the chapter level with the Ontario Chapter Volunteer of the Year Award in 2000. He is on the organizing committee of the Ontario Concrete Awards, of which the Chapter is the main financial contributor. He received the 2009 ACI Chapter Activities Award. He has been a member of the organizing committee as the Treasurer of ACI Conventions on two separate occasions and most recently as the Co-Chair of the ACI Fall 2012 Convention. Belanger is a member of the Chapter Activities Committee; the Convention Committee; ACI Committee 120, History of Concrete; the International Project Awards Committee; and a past member of the Membership Committee.

Belanger received his diploma in civil engineering technology from Dawson College, Montreal, QC, Canada, in 1975.



Bryan R. Castles is a Principal and Senior Materials Engineer for Western Technologies, Inc., in Phoenix, AZ, where he has been employed for over 17 years. He has over 30 years of construction quality control, construction materials testing, and construction inspection experience.

He is Chair of ACI Committee E702, Designing Concrete Structures; Chair of Subcommittees 211-K, Appendix 4—High Density (Heavyweight), and 214-A, Document Preparation; and Secretary of ACI Committee 214, Evaluation of Results of Tests Used to Determine the

Strength of Concrete. He is a member of ACI Committees 211, Proportioning Concrete Mixtures, and 221, Aggregates. He also serves as a manuscript reviewer for ACI. An active member of the ACI Arizona Chapter for more than 15 years, Castles has served as a Director, Officer, and President and is currently a member of the Arizona Chapter's certification subcommittee, where he serves as Trainer and Examiner for several ACI certification programs. He strongly supports Arizona State University's Student Chapter, where he regularly speaks to students and serves as a technical advisor for ACI student competitions. In 2011, the

Fellows

Arizona Chapter recognized him for his contributions to the ongoing success of the chapter by bestowing honorary chapter membership. He recently served as Treasurer for ACI's Fall 2013 Convention in Phoenix, AZ.

His research interests include statistical methods for evaluation of test data, mitigation of alkali-aggregate reaction, developments in concrete mixture proportioning, and airfield and highway concrete paving.

Castles received his BS in civil engineering from the University of Illinois at Urbana-Champaign, Champaign, IL, in 1983, and is a licensed professional engineer in Arizona, Colorado, and Nevada.



Joseph A. Daczko is a Product Manager with the admixtures systems group of BASF Construction Chemicals, Cleveland, OH. He has over 20 years of experience in the development and application of concrete construction materials.

Daczko has published numerous technical papers and is the sole author of a book on SCC titled *Self-Consolidating Concrete: Applying What We Know*, which was published in 2012. He is a member and former Chair of ACI Committee 237, Self-Consolidating Concrete. He is also a member of ACI Committees 211, Proportioning Concrete Mixtures, and 238, Workability of Fresh Concrete, and ACI Subcommittee 211-N, Proportioning with Ground Limestone and Mineral Fillers. Daczko is a member of ASTM International and the Precast/Prestressed Concrete Institute (PCI). In 2007, he was awarded ACI's Delmar Bloem Award for his leadership of ACI Committee 237.

He received his BA from John Carroll University, University Heights, OH, in 1992.



John Gajda is a Senior Principal Engineer at CTLGroup, Skokie, IL. His expertise is thermal properties of concrete and mass concrete.

He is Chair of ACI Committee 207, Mass Concrete, and ACI Subcommittee 301-D, Lightweight and Massive Concrete. He is also a member of ACI Committee 301, Specifications for Concrete. In 2009, he was named by *Concrete Construction* magazine as one of five individuals who "significantly influenced the concrete industry in 2008."

Gajda's research interests include thermal properties of concrete, early-age cracking, and mass concrete. For the past 20 years, he has worked on over 400 mass concrete projects around the world, including many

Fellows

high-profile projects in North America, working to reduce the cost of construction, optimize concrete mixtures, and manage concrete temperatures and temperature differences to help ensure durable concrete with a long service life. Much of this work involves designing concrete mixtures that contain significant quantities of fly ash and/or slag cement.

Gajda received his BS in ceramic engineering in May 1990 and his MS in material science engineering in December 1990 from Iowa State University, Ames, IA. His MS work focused on mechanical properties of calcium aluminate cement concrete at elevated temperatures. Gajda is a licensed professional engineer in 22 U.S. states and three Canadian provinces.



Jack Gibbons is Vice President of Technical Services with Ductilcrete Slab Systems, Gilberts, IL, a design/build firm specializing in slab-on-ground construction. He has over 30 years of experience in concrete construction and materials. He began his career with Master Builders (now BASF). He later served as Director of Technical Services for The Euclid Chemical Company. He went on to 12 years at Central Ready Mixed to manage the company's cement lab and QC department. While at Central, he helped develop a series of high-performance concrete mixtures for low-shrinkage slabs, rapid-cycle post-tensioning, self-consolidating concrete (SCC), and high-strength concrete. He then transferred to Central's parent firm, Prairie Materials, in Chicago, where he participated in the development of low heat mass concrete mixtures and ultra-high-strength 16K psi SCC mixtures developed for the 100-story Trump Tower.

A longtime member of ACI and regular speaker at World of Concrete, Gibbons was designated a concrete "Influencer" by *Concrete Construction* magazine in 2011. In 2012, the Minnesota Concrete Council gave him the Richard Stehly Industry Advancement Award. He is a member of ACI Committees 302, Construction of Concrete Floors; 309, Consolidation of Concrete; 329, Performance Criteria for Ready Mixed Concrete; 360, Design of Slabs on Ground; 362, Parking Structures; and the Construction Liaison Committee. He is Past President of ACI's Wisconsin Chapter. He has also written for *Concrete Construction*, *STRUCTURE*, and *Concrete International* magazines.

Fellows



Thomas M. Greene is a Regional Technical Service Manager for W.R. Grace, based in Houston, TX. He has held that position for 10 years, and has held technical positions in the cement and concrete industry for over 30 years.

He is Chair of ACI Committee E701, Materials for Concrete Construction, and a member of ACI Committees C610, Field Technician Certification; 121, Quality Assurance Systems for Concrete; 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete; 225,

Hydraulic Cements; 232, Fly Ash and Natural Pozzolans in Concrete; 233, Ground Slag in Concrete; 301, Specifications for Concrete; and ACI Subcommittee C601-B, Concrete Quality Technical Manager. He has been recognized for his work in leadership roles in four different ACI chapters, including President of the Arkansas Chapter and Co-Founder of the Mid-America Chapter in Memphis, TN. He is also a member of ASTM International.

His research interests include thermal effects of admixtures and supplementary cementitious materials in concrete, the use of admixtures to improve sustainability, and development of quality systems for concrete.



Frances T. Griffith is the Administrator for the Center for Training Transportation Professionals, Department of Civil Engineering at the University of Arkansas, Fayetteville, AR. She has held this position for the past 15 years.

She is a 1998 recipient of the Peter D. Courtois Concrete Construction Scholarship for undergraduate study in concrete construction. Griffith is Chair of ACI Committee C630, Construction Inspector Certification, and Secretary of ACI Committee C631, Concrete Transportation Construction Inspector Certification. She is also a member of

the ACI Educational Activities and Student and Young Professionals Activities Committees, and ACI Committees C601, New Certification Programs; C610, Field Technician Certification; C620, Laboratory Technician Certification; E905, Training Programs; S801, Student Activities; and 118, Use of Computers. She is a past member of the Certification Programs Committee. She is also a member of ASTM International.

Her research interests include certification and materials testing.

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

Fellows



W. Micah Hale is a Professor of civil engineering at the University of Arkansas, Fayetteville, AR.

He is currently Chair of ACI Committee 363, High-Strength Concrete, and a member of ACI Committees 233, Ground Slag in Concrete, and 239, Ultra-High Performance Concrete, and Joint ACI-ASCE Committee 423, Prestressed Concrete. He is a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI).

His research interests include concrete materials, mixture proportioning, and structural concrete.

He received his PhD from the University of Oklahoma, Norman, OK, in 2002.



Thomas Kang is an Associate Professor in the Department of Architecture and Architectural Engineering at Seoul National University, Seoul, Korea. Before September 2011, he was an Assistant Professor at the University of Oklahoma, Norman, OK.

He is Vice Chair of ACI Committee S805, Collegiate Concrete Council, and is a past Secretary of Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures. He is a member of the ACI International Advisory Committee; ACI Committees 335,

Composite and Hybrid Structures; and 369, Seismic Repair and Rehabilitation; and Joint ACI-ASCE Committees 352, Joints and Connections in Monolithic Concrete Structures, and 423, Prestressed Concrete. Kang has served as a Task Group Chair for the Headed Reinforcement Applications in Beam-Column Joints and Connections and a member of the Editorial Subcommittee for both the Slab-Column Connection and Beam-Column Connection Reports within Joint ACI-ASCE Committee 352; as a Task Group Leader for the Slab-Column Connections within ACI Committee 369; and a member of the Task Group on Sustainability within Joint ACI-ASCE Committee 423. He received the ACI Wason Medal for Most Meritorious Paper in 2009. He is also a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI). He has authored or co-authored over 50 international journal papers, including over 15 papers published in the *ACI Structural Journal*.

His research interests include the design, repair, and materials of structural concrete, with more of a focus on the design of reinforced, prestressed, and post-tensioned concrete structures.

Kang received his BS in architectural engineering from Seoul National University

Fellows

in 1998; his MS in civil engineering from Michigan State University, East Lansing, MI, in 2000; and his PhD in structural/earthquake engineering from the University of California at Los Angeles, Los Angeles, CA, in 2004. He is a licensed professional engineer in California.



Robert C. Lewis is the Technical Marketing Manager for Elkem Silicon Materials, based in Europe. He has worked at Elkem for over 28 years, after first completing 8 years in the technical department of Tarmac (Readymix) in the UK. He frequently gives talks and presentations across the globe for Elkem and has been involved in many of the major construction projects in India, Dubai, and Hong Kong.

He is currently Chair of ACI Committee 234, Silica Fume in Concrete. He is also a member of the International Advisory Committee, including the International Conferences and Conventions Committee, and ACI Committees 211, Proportioning Concrete Mixtures; 552, Cementitious Grouting; and Joint ACI-TMS Committee 216, Fire Resistance and Fire Protection of Structures. He has previously served on the ACI Marketing Committee and as an ad-hoc member of ACI Committee 308, Curing Concrete. He has authored and co-authored numerous papers, including chapters in the Advanced Concrete Technology Diploma course handbook (for the UK Institute of Concrete Technology) and the fourth edition of F. M. Lea's *Chemistry of Cement and Concrete*. He was elected as a member of the Concrete Society UK in 1993 and became a Fellow in 1999. In 2000, he was elected as a member of the Institute of Concrete Technology UK.

His research interests include silica fume, high-performance concrete, and high-durability mixture design.

He received his diploma in applied biology from South Bank Polytechnic, London, UK, in 1978, before moving into concrete and gaining certification in concrete practice and concrete technology from the City and Guilds of London Institute in 1979.

Fellows



Miguel Mota has been the Vice President of Engineering at the Concrete Reinforcing Steel Institute (CRSI), Williamstown, NJ, since July 2013. Prior to that, he was the Atlantic Regional Manager for CRSI since 2008. He joined CRSI from the Portland Cement Association (PCA), where he was the Regional Engineer for the Northeast since 2001. Mota also serves as a Director of the Concrete Industry Board, New York City, an ACI Chapter.

Mota is the current Chair of ACI Committee 314, Simplified Design of Concrete Buildings, and is a member

of ACI Committees 349, Concrete Nuclear Structures; 375, Performance-Based Design of Concrete Buildings for Wind Loads; 435, Deflection of Concrete Building Structures; and Joint ACI-ASCE Committee 421, Design of Reinforced Concrete Slabs. He has lectured on a variety of graduate topics on reinforced concrete design at several universities, including Rutgers University, New Brunswick, NJ; Manhattan College, Bronx, NY; Rowan University, Glassboro, NJ; and Drexel University, Philadelphia, PA. Mota presented a paper on his doctoral dissertation at the 15th World Conference in Earthquake Engineering in Lisbon, Portugal (2012). He is a member of the American Society of Civil Engineers (ASCE) and serves on ASCE 7-16, Committee on Minimum Design Loads for Buildings and Other Structures. Mota received the ASTM International Alan H. Yorkdale Memorial Award in 2007 for his paper “Diagonal Tension Strength of Partially Grouted Concrete Masonry Assemblages” concerning clay, shale, concrete, or sand-lime masonry published in the English language and presented by ASTM International Committees C-12 and C-15. He has recently completed a 5-year tenure on the Editorial Board of *STRUCTURE* magazine.

Mota’s research interests include dynamic analysis, shake-table testing, and seismic design and detailing of reinforced concrete structures.

Mota received his bachelor’s and master’s degrees in civil engineering from the New Jersey Institute of Technology, Newark, NJ, in 1989 and 1992, respectively, and his PhD from Drexel University, Philadelphia, PA, in 2011. He is a licensed professional engineer in New York, New Jersey, and Pennsylvania.

Fellows



Hiroshi Mutsuyoshi is a Professor in the Department of Civil and Environmental Engineering and a Vice President at Saitama University, Saitama, Japan.

He has been a member of ACI Committee 440, Fiber-Reinforced Polymer Reinforcement, since 1991, and is a member of the International Partnerships & Publications Committee as a Japan Concrete Institute (JCI) representative. He has been Chair of the Japan Society of Civil Engineers (JSCE) Committee 324, Prestressed Concrete Structures for the Future – Problems and Solutions

(2001-2006), JCI Committee on Concrete Journal (2008-2010), JCI Committee on Education of Concrete Engineers (2010-2011), Japan Prestressed Concrete Institute (JPCI) Committee on High Strength Concrete (2006-2008), JPCI Committee on Recommendation for Performance Verification of Corrosion-Protective Prestressing Steel for External Cables of PC Box Girder (2010-2012), and a Secretary General of International Committee on Concrete Model Code for Asia (1994-1997). He is currently Chair of *fib* Commission-9 TG9.14, Cable Supported Structures. Mutsuyoshi has been awarded the JSCE Yoshida Prize (the highest prize for research in concrete engineering in Japan) for Excellent Paper in 1986, 1993, 1995, and 1996; the JPCI Prize for Excellent Paper in 1994 and for Technical Development in 2002; and JCI Meritorious Deed Prize in 2009. He has served as a President of the Japan Reinforcing Bar Joints Institute (2009-2011), a Director of JCI (2004-2006, 2008-2010) and JPCI (at present).

His research interests include seismic behavior of reinforced concrete structures, prestressed concrete bridges, and an application of fiber-reinforced polymer to structures.

He received his doctoral engineering degree from the University of Tokyo, Tokyo, Japan, in 1984. He is a professional engineer in Japan and an Executive Professional Civil Engineer (JSCE).



Matthew Offenberg is a Technical Service Manager for W.R. Grace, Canton, GA. He has served for over 15 years as a civil engineer within the concrete industry, publishing over 10 technical papers and articles during his career, and maintaining a technical blog on pervious concrete with readers in over 100 countries.

In 2007, he won the ACI Wason Medal for Most Meritorious Paper for his article on pervious concrete construction techniques. In 2008, he received the ACI Young Member Award for Professional Achievement. In 2012, he was

Fellows

awarded the ACI Delmar L. Bloem Distinguished Service Award. He served for 8 years as the Chair of ACI Committee 522, Pervious Concrete. Offenberg currently serves as the Co-Chair of ACI Subcommittee 130-B, Production/Transport/Construction (Sustainability of Concrete). He is also a member of ASTM International. Offenberg is an internationally acclaimed pervious concrete expert and is invited to speak across the United States and around the world on sustainable paving technology.

He received his BS and MS in civil engineering from Purdue University, West Lafayette, IN, in 1995 and 1996, respectively. He is a licensed professional engineer in Florida and Arizona.



Oon-Soo Ooi is an Associate and Senior Materials Engineer for Golder Associates Ltd. in Vancouver, BC, Canada. He has practiced as a Consulting Engineer for 26 years, specializing in concrete technology and structural rehabilitation.

Ooi contributes to the advancement of engineering design, materials testing, and construction standards for concrete materials by actively participating in various technical committees of ACI, ASTM International, and the Canadian Standards Association (CSA), and publishing technical papers. He is a member of ACI Committees 121, Quality Assurance Systems for Concrete; 207, Mass Concrete; 230, Soil Cement; 515, Protective Systems for Concrete; and 522, Pervious Concrete. He is also a member of ASTM International Committees C01, Cement; C27, Precast Concrete; C09-45, Roller-Compacted Concrete; C09-46, Shotcrete; and C09-49, Pervious Concrete. He also actively serves on a number of CSA technical committees on concrete design and repair standards. Ooi has served as a Director of the ACI British Columbia Chapter since 2004 and was the Chapter President from 2009 to 2011.

He received his B.Sc.E in 1985 and M.Sc.E. in 1988 from the University of New Brunswick, Fredericton, NB, Canada. He is a licensed professional engineer in the Canadian provinces of Alberta and British Columbia.

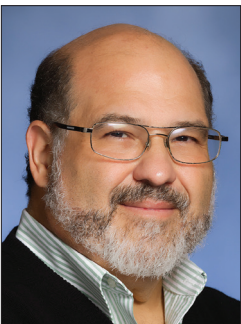
Fellows



Jan R. Prusinski is the Executive Director of the Cement Council of Texas. He was formerly the Founding Executive Director of the Slag Cement Association (SCA), the Program Manager for soil-cement and roller-compacted concrete pavements for the Portland Cement Association (PCA), Coal Ash Product/Market Developer and Lead Engineer for Houston Lighting & Power Co., and a Structural Engineer for Bechtel Power Corp.

He is a past Chair and current member of ACI Committee 230, Soil Cement, and a member of ACI Committees 232, Fly Ash and Natural Pozzolans in Concrete; 233, Ground Slag in Concrete; 327, Roller-Compacted Concrete Pavements; and 330, Concrete Parking Lots and Site Paving. Prusinski has initiated, managed, and authored papers for numerous research projects on soil stabilization with various cementitious materials, roller-compacted concrete design and construction, full-depth reclamation of roads with cement, the use of slag cement and fly ash in concrete, and life-cycle inventory/assessment. He also holds a patent for recycled precast thermoplastic polymer concrete products. He, and the organizations he has led, has helped promote and expand use of concrete pavements, stabilization of pavement bases and subgrades, and supplementary cementitious materials in concrete infrastructure in Texas and across the United States.

Prusinski received his BS in civil engineering from the University of Michigan, Ann Arbor, MI, in 1980, and his MBA from the University of Houston, C.T. Bauer College of Business, in 1987. He is a licensed professional engineer in Texas and is a LEED-Accredited Professional.



Jorge L. Quiros Jr. has been Managing Director of TGC Industrial, Inc., in the Republic of Panama for the past 10 years, providing leadership in the technical development of the Concrete Industry in Panama. In addition, as a member of the Board of Directors of the Panama Construction Chamber (CAPAC), he has led various technical and educational committees promoting construction material innovation and through technical committees of the Panamanian Society of Engineers and Architects (SPIA) focused on concrete and cement

production quality control to assure public safety. He has served as guest lecturer, speaker, and instructor promoting concrete construction best practice in many Panamanian private and public institutions and organizations.

From the time of his service in Shell Oil Company based out of New Orleans,

Fellows

LA, in the 1980s, Quiros has been a member of ACI Committee 357, Offshore and Marine Concrete Structures. He also serves on ACI Committees 304, Measuring, Mixing, Transporting, and Placing Concrete; 305, Hot Weather Concreting; and 332, Residential Concrete Work, and has participated by invitation in ACI Subcommittee 318-WA, International Workshop of Concrete in the Americas and Beyond. In the past, he also served as a member of the International Committee (now the International Advisory Committee). He has recently been elected Founding President of the ACI Panama Chapter in formation and is currently an Instructor for the ACI Concrete Inspector Certification (Spanish) review course. He is also a member of the American Society of Civil Engineers (ASCE) and ASTM International, serving on Committee C09.

Quiros received his BS (Magna Cum Laude) and MS in civil engineering from the University of Illinois, Champaign-Urbana, IL, in 1976 and 1977, respectively. He is a licensed professional engineer in Louisiana and Texas (both inactive) and the Republic of Panama.



Lawrence R. Roberts is the Manager of Roberts Consulting Group LLC, Acton, MA. He has been involved in research and development, technical service, marketing, and consultation in cement and concrete for over 47 years.

He is currently a member of ACI Committees 212, Chemical Admixtures; 225, Hydraulic Cements; and 308, Curing Concrete. In the past, he has served on the Concrete Research Council, the Scholarship Council, and the Strategic Development Council. Roberts is also a member of ASTM International Committees C01 and C09, where

he has served as Chair of a number of subcommittees, including C09.23, Chemical Admixtures; C01.28, Sulfate Content; and C01.99, Cement Research.

His research interests include the development of cement additives and concrete admixtures, including technical services supporting their application, with a special focus on interaction between materials.

Roberts received his BS in chemistry from the University of Massachusetts, Amherst, MA, 1972, and his MS in chemistry from Northeastern University, Boston, MA, in 1977.

Fellows



Anton K. Schindler is a Professor, the Associate Department Chair, and the Director of the Highway Research Center at Auburn University, Auburn, AL, where he teaches courses in engineering mechanics, structural design, and concrete materials in the Civil Engineering Department.

He has served on the faculty for the past 12 years and has twice been selected by students as the department's Outstanding Faculty Member. He also received the College of Engineering's Walker Merit Teaching Award in

2012. He was the recipient of the Southeastern Concrete Alliance Network Quality Award for Concrete Pavement Construction in 2004 from the Southeastern Concrete Alliance Network (SCAN) that covered the seven southeast states: Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, and Tennessee. He received the 2013 Erskine Award from the Expanded Shale, Clay, and Slate Institute (ESCSI) for his contributions to the use of lightweight aggregate in concrete. Schindler also received ACI's Wason Medal for Materials Research in 2006 and 2011. He is Chair of ACI Committee 231, Properties of Concrete at Early Ages, and Secretary of ACI Committee 237, Self-Consolidating Concrete. He is also a member of ACI Committee 209, Creep and Shrinkage in Concrete, and the Transportation Research Board (TRB) Technical Committee AFN20, Properties of Concrete. He is a member of the American Society of Civil Engineers (ASCE) and ASTM International.

His research interests include nondestructive testing, concrete properties, early-age behavior of concrete structures, self-consolidating concrete, and concrete performance modeling.

Schindler received his BSE from the University of Pretoria, Pretoria, South Africa, in 1993, and his MSE and PhD from the University of Texas at Austin, Austin, TX, in 1999 and 2002, respectively. He is a licensed professional engineer in Alabama.



Halil Sezen is an Associate Professor in the Department of Civil, Environmental, and Geodetic Engineering at The Ohio State University, Columbus, OH, where he has been a faculty member since 2002.

He is a member of ACI Committee 369, Seismic Repair and Rehabilitation; Joint ACI-ASCE Committees 441, Reinforced Concrete Columns, and 445, Shear and Torsion; and a past member of ACI Committee 562, Evaluation, Repair, and Rehabilitation of Existing

Fellows

Buildings. He has served on the ACI Committee on Awards for Papers, and ACI Construction Practice Award Committee. He is also a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI).

Sezen's research and interests include design and behavior of reinforced concrete structures, and earthquake engineering.

He received his BS from Middle East Technical University, Ankara, Turkey; his MS from Cornell University, Ithaca, NY; and his PhD from the University of California, Berkeley, Berkeley, CA. He is a licensed professional engineer in Ohio.



Matthew R. Sherman is a Principal with Simpson Gumpertz & Heger Inc. (SGH), Waltham, MA.

Sherman has 20 years of experience in consulting and heavy construction and has inspected, constructed, evaluated, and repaired concrete structures throughout the United States. His specialties include concrete materials evaluation, nondestructive testing, corrosion mitigation, and concrete repair. At SGH, he has led major projects, such as repairing leakage in the “Big Dig” tunnels in Boston, restoring the University of Notre Dame’s football stadium, designing overlay repairs at multiple projects nationwide, and investigating statewide aggregate problems in Kentucky and Massachusetts. He has authored over 15 technical papers and published research reports and has presented widely on concrete materials, durability, and testing. Sherman is Chair of the ACI Membership Committee and a member of ACI Committee 201, Durability of Concrete, and the ACI Marketing Committee. He is also a member of the American Society of Civil Engineers (ASCE).

He received his BS in civil engineering from Cornell University, Ithaca, NY, in 1991, and his MS in civil engineering (structural) from the University of Texas at Austin, Austin, TX, in 1993.



Amy M. R. Trygestad is President of Chase Engineering in New Prague, MN. Her 18 years of experience has touched many facets of the structural engineering and construction industry, including engineering consulting, program management, concrete construction and strategic marketing, and technical enhancement of concrete design and construction. She previously worked for the Portland Cement Association (PCA) as the Building and

Fellows

Special Structure's Regional Engineering Manager for the Central United States.

She is Chair of Joint ACI-ASCE Committee 423, Prestressed Concrete, and a member of ACI Committees 132, Responsibility in Concrete Construction; 347, Formwork for Concrete; 362, Parking Structures; and Joint ACI-ASCE Committee 421, Design of Reinforced Concrete Slabs. She is also a member of the American Society of Civil Engineers (ASCE) and serves as the concrete industry representative on the Editorial Board for *STRUCTURE* magazine, the official structural engineering publication of ASCE's Structural Engineering Institute (SEI), in conjunction with the National Council of Structural Engineers Associations (NCSEA) and the American Council of Engineering Companies (ACEC). She has also authored or co-authored numerous technical articles, reports, and publications.

Trygestad received her bachelor's and master's degrees in civil engineering from the University of Minnesota, Minneapolis, MN, in 1991 and 2000, respectively. She is a licensed professional engineer in Minnesota.



Gustavo Tumialan is a Senior Project Manager with Simpson Gumpertz & Heger, Inc. (SGH), Waltham, MA. He works on projects involving evaluation and rehabilitation of structures.

He is Chair of ACI Subcommittee 440-M, FRP-Repair of Masonry Structures, and Secretary of ACI Committee 437, Strength Evaluation of Existing Concrete Structures. He is also a member of ACI Committees 440, Fiber-Reinforced Polymer Composites, and 562, Evaluation, Repair, and Rehabilitation of Concrete Buildings. Tumialan is also

a member of the American Society of Civil Engineers (ASCE) and the International Concrete Repair Institute (ICRI). He has authored over 50 technical publications on investigation, evaluation, and repair of structures.

Tumialan received his BS in civil engineering from the Pontificia Universidad Católica del Perú, Lima, Peru, in 1994, and his MS and PhD in civil engineering from Missouri S&T, Rolla, MO (formerly University of Missouri-Rolla) in 1998 and 2001, respectively.

His research interests include assessment of the condition of structures, investigation of the performance of structures and concrete materials, design of repairs and modifications to existing structures, in-place load testing, and strengthening of structures with fiber-reinforced polymer (FRP) systems.

Fellows



Victor Hugo Villarreal is the Technical Services Manager for TXI Operations, Dallas, TX. He has been in the concrete industry for 26 years.

Villarreal received the ACI Construction Award in 2010. He is a member of ACI Committee 329, Performance Criteria for Ready Mixed Concrete. He is a Board member of the ACI Northeast Texas Chapter and was the Convention Chair of the Dallas ACI 2012 Spring Convention, Fundraising Chair for the ACI 2001 Fall Convention, and President of the ACI Northeast Texas Chapter in 2008. Villarreal is also a member of the American Society of Civil Engineers (ASCE). He has authored or coauthored several papers featured in ACI publications.

His research interests include internal curing, high-strength/high-performance concrete, and high-volume fly ash concrete.

Villarreal received his BS in civil engineering from the Universidad Autónoma de Nuevo León, Monterrey, Mexico, in 1986, and his MBA in corporate finance from the University of North Texas, Denton, TX, in 1994. He is a licensed engineer in Mexico.



Patrick Watson is a consultant based in Chapel Hill, NC, where he owns Concrete Methods and Materials Consulting, LLC.

He is a member of ACI Committees E706, Concrete Repair Education; 302, Construction of Concrete Floors; 308, Curing Concrete; 364, Rehabilitation; and 546, Repair of Concrete. He is a past member of ACI Committee 515, Protective Systems for Concrete. He is the author of industry articles and Institute documents and is a frequent speaker for industry groups, including ACI and International Concrete Repair Institute (ICRI) events. He has been part of Vision 2020 since its inception. Watson has mentored new members at ACI for many years. He has taught concrete repair for several North American universities and university extension programs. He is the recipient of awards from ACI, ICRI, and CSI chapter groups. He is also a Fellow of ICRI. Watson has served for 43 years in the construction industry and considers himself semi-retired.

Awards

ARTHUR R. ANDERSON MEDAL

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

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

“for his outstanding international concrete community collaboration between RILEM and ACI International Partners”



Geert De Schutter is Full Professor at the Magnel Laboratory for Concrete Research, Faculty of Engineering and Architecture, Ghent University, Ghent, Belgium. He is also Director of Development of RILEM, the International Union of Laboratories and Experts in Construction Materials, Systems and Structures.

He is a member of ACI Committees 231, Properties of Concrete at Early Ages, and 237, Self-Consolidating Concrete.

De Schutter's research interests include concrete technology, hydration and microstructure development, properties of hardening concrete, durability of cementitious materials, self-consolidating concrete, and ultra-high-performance concrete.

He received his MS and PhD in civil engineering from Ghent University in 1990 and 1996, respectively.

Awards

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

The **Roger H. Corbetta Concrete Constructor Award** was established in 1972 by the Institute in recognition of Roger H. Corbetta, Past President of the Institute, for his creative leadership and his many outstanding contributions to the use of concrete for construction.

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

“in recognition of his many contributions to the concrete construction industry and his leadership in the American Concrete Institute”



Joseph C. Sanders is the recently retired Senior Vice-President of Operations for Charles Pankow Builders, Ltd. He currently consults for concrete and construction projects.

Sanders became an ACI Fellow in 2012. He is Chair of ACI’s Concrete Research Council (CRC) and a member of the Board of the ACI Foundation. He is also a member of the Board of Directors for ACI’s Strategic Development Council (SDC), Chair of the SDC’s Technology Management Committee (TMC), and a member of the Technology Transfer Advisory Group (TTAG). Sanders is also a member of ACI

Committees 131, Building Information Modeling of Concrete Structures; 132, Responsibility in Concrete Construction; Joint ACI-ASCE Committee 550, Precast Concrete Structures; and the Construction Liaison Committee. He previously served on the ACI Board of Direction and also several Board Committees. He is also a member of the American Society of Civil Engineers (ASCE).

His ACI interests are in the areas of concrete research and new technologies. Sanders received his BS in civil engineering from Purdue University, West Lafayette, IN, in 1979.

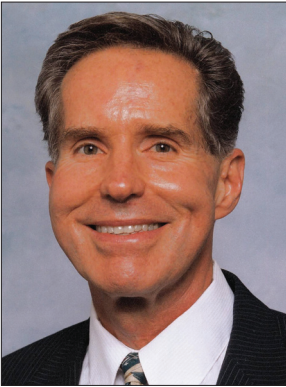
Awards

JOE W. KELLY AWARD

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

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

“for his dedication to ACI and his improvement of the worldwide concrete industry through his seminars, short courses, and hands-on training events, and for sharing his knowledge of all aspects of design, specifications, materials, and construction processes for concrete floors and slabs”



Jerry A. Holland, FACI, is the Director of Design Services and a Vice-President for Structural Services, Inc. in their Atlanta, GA, office.

Holland was awarded the 1998 ACI Wason Medal for the Most Meritorious Paper, and was the ACI Educational Activities Committee 2010 Speaker of the Year. He is a past Chair and current member of ACI Committee 360, Design of Slabs on Ground, and is a member of Committees C640, Craftsmen Certification; 223, Shrinkage-Compensating Concrete; 302, Construction of Concrete Floors; 325, Concrete Pavements; 330, Concrete Parking Lots and Site Paving; 350, Environmental Engineering Concrete Structures; and 522, Pervious Concrete. He is an examiner for both ACI Flatwork Finisher Certification Programs. He is a licensed professional engineer in many states, from California to Florida.

He specializes in concrete mixtures, floor slabs-on-ground, superflat and other specialty floors, suspended slabs, fiber reinforcement, post-tensioning, shrinkage-compensating concrete, all types of concrete paving, white-topping and other overlays, roller-compacted concrete paving, pervious concrete, and liquid-containing structures.

Awards

HENRY L. KENNEDY AWARD

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

“in recognition of his outstanding technical and administrative leadership in guiding ACI Committee 318 through the arduous and largely unique process of reformatting the ACI Building Code Requirements for Structural Concrete”



Randall W. Poston, FACI, is a Structural Engineering Consultant in Austin, TX.

He is the current Chair of ACI Committee 318, Structural Concrete Building Code; a member of Committees 222, Corrosion of Metals in Concrete, and 224, Cracking; and a consulting member of Committee 562, Evaluation, Repair and Rehabilitation of Concrete Buildings. He is a former member of the Technical Activities Committee, Board of Direction, Publications Committee, and Fellows Nomination Committee. He has received technical paper and personal awards from ACI, the American Society of

Civil Engineers (ASCE), and ASTM International, and has been the principal engineer on four repair projects that have received the Award of Excellence from the International Concrete Repair Institute (ICRI). He is also a member of ISO Technical Committee 71, Concrete, reinforced concrete and prestressed concrete. He is a licensed professional or structural engineer in 19 states.

Poston received his BS in civil engineering and MS and PhD in structural engineering from the University of Texas at Austin, Austin, TX, in 1978, 1980, and 1984, respectively.

Awards

ALFRED E. LINDAU AWARD

The **Alfred E. Lindau Award** is presented for outstanding contributions to reinforced concrete design practice, and is given in memory of Alfred E. Lindau, a Past President of the Institute. Founded in 1947, the award is open to any and all persons, firms, or corporations involved in concrete design.

“for his engineering judgment and inspirational authorship of manuals and handbooks that have steered hundreds of engineers in the right design track”



David A. Fanella, FACI, is a Principal at TGRWA, Inc., Chicago, IL.

Fanella is a member of ACI Committees 314, Simplified Design of Concrete Buildings; 374, Performance-Based Seismic Design of Concrete Buildings; 375, Performance-Based Design of Concrete Buildings for Wind Loads; and SA04, Design Award.

Fanella is also a Fellow of the American Society of Civil Engineers (ASCE) and a member of ASCE Committee 7-16, Minimum Design Loads for Buildings and Other Structures. He is a licensed structural and professional engineer in Illinois and a licensed

professional engineer in several states.

He received his BS, MS, and PhD in structural engineering from the University of Illinois at Chicago, Chicago, IL, in 1982, 1983, and 1986, respectively.

Awards

HENRY C. TURNER MEDAL

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

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

“for his teaching, research, and professional engineering performance that has been an example to follow by young engineers”



Ramón L. Carrasquillo, FACI, is the Founder and President of Carrasquillo Associates, a forensic engineering consulting firm located in Austin, TX.

Carrasquillo has been a Fellow of ACI since 1993, and is currently Chair of the ACI Construction Liaison Committee, the Fellows Nomination Committee, and the International Conferences Committee. He is a member of ACI Committees 201, Durability of Concrete; 211, Proportioning Concrete Mixtures; 232, Fly Ash and Natural Pozzolans in Concrete; 233, Ground Slag in Concrete; 234, Silica Fume in Concrete; and 301, Specifications for Concrete. He is also a

member of the American Society of Civil Engineers (ASCE) and ASTM International. He is a licensed professional engineer in Texas and Puerto Rico.

He received his BS in civil engineering from the University of Puerto Rico, Mayaguez, PR, in 1975, and his MS and PhD in civil engineering from Cornell University, Ithaca, NY, in 1978 and 1980, respectively.

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 revolutionizing the installation of high quality, economical concrete floors, slabs, and pavements, and for his improving of construction systems for productivity, quality, and reliability via his creative, faster, and safer processes”



David W. Somero is retired after a successful career in construction and manufacturing, mainly in the concrete construction area. Although officially retired in 1999, he continues to stay busy by farming and pursuing other interests. He continues working toward solving problems in the concrete industry and experiments with various ideas and projects.

Somero is an active Director on six Boards of Direction, which include construction and manufacturing entities. He was active on ACI committees, providing input at the national and local levels.

Awards

CEDRIC WILLSON LIGHTWEIGHT AGGREGATE CONCRETE AWARD

The **Cedric Willson Lightweight Aggregate Concrete Award** was established in 1976 in recognition of Cedric Willson's many contributions in the field of lightweight aggregate, lightweight concrete, and lightweight concrete masonry. The award is given for outstanding contributions to one or more of these fields; any person, firm, or organization is eligible.

“in recognition of his many contributions to research, design, and use of structural lightweight concrete in bridges and for important advances in reducing the weight and improving the long-term performance of bridge decks and beams by incorporating lightweight aggregate”



H. Celik Ozyildirim, FACI, is a Principal Research Scientist at the Virginia Center for Transportation Innovation and Research (VCTIR), the research division of the Virginia Department of Transportation (VDOT), in Charlottesville, VA. He is also an Instructor of civil engineering at the University of Virginia, Charlottesville, VA.

He is a member of ACI Committees 211, Proportioning Concrete Mixtures; 233, Ground Slag in Concrete; 234, Silica Fume in Concrete; 236, Material Science of Concrete; 237, Self-Consolidating Concrete; 238, Workability of Fresh Concrete; 308, Curing Concrete; 309, Consolidation of Concrete; 327, Roller-Compacted Concrete Pavements; 506, Shotcreting; and 544, Fiber-Reinforced Concrete. He is a past Chair of ACI Committee 309, Consolidation of Concrete. Ozyildirim is also a member of ASTM International Committee C09, Concrete and Concrete Aggregates. He coauthored ACI SP-1(02), Concrete Primer, with the late Bryant Mather. He received the VDOT Commissioner's Award for Excellence in 1998; the Expanded Shale, Clay and Slate Institute Frank G. Erskine Award in 2009; and the ACI Concrete Research Council Robert E. Philleo Award in 2010.

Ozyildirim received his BS and MS in civil engineering from Robert College (now Bosphorus University) in Istanbul, Turkey, in 1967 and 1969, respectively, and his PhD in civil engineering from the University of Virginia in 1974. He is a licensed professional engineer in Virginia.

Awards

ACI CERTIFICATION AWARD

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

“for outstanding and tireless service in developing, supporting, administering, and promoting ACI Certification Programs”



Frances T. Griffith is the Administrator for the Center for Training Transportation Professionals, Department of Civil Engineering at the University of Arkansas, Fayetteville, AR. She has held this position for the past 15 years.

She is a 1998 recipient of the Peter D. Courtois Concrete Construction Scholarship for undergraduate study in concrete construction. Griffith is Chair of ACI Committee C630, Construction Inspector Certification, and Secretary of ACI Committee C631, Concrete Transportation Construction Inspector Certification. She is also a member of the ACI Educational Activities and Student and Young Professionals Activities Committees, and ACI Committees C601, New Certification Programs; C610, Field Technician Certification; C620, Laboratory Technician Certification; E905, Training Programs; S801, Student Activities; and 118, Use of Computers. She is a past member of the Certification Programs Committee. She is also a member of ASTM International.

Her research interests include certification and materials testing.

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

Awards

“for outstanding and tireless service in supporting, administering, and promoting ACI Certification Programs”



David L. Hollingsworth is Director-Technical Services/Training for the Michigan Concrete Association, Lansing, MI.

He currently serves on ACI Committees C610, Field Technician Certification, and 211, Proportioning Concrete Mixtures, and as a Field Testing Technician Grade I Quality Reviewer.

Hollingsworth received his BS in civil engineering and his BS in engineering administration from Michigan Technological University, Houghton, MI, in 1985 and 1986, respectively.

“for outstanding and enthusiastic service in supporting, administering, and promoting ACI Certification Programs”



Jerry Woods recently retired as the Director of Training and Outreach at the Iowa Ready Mixed Concrete Association, Ankeny, IA.

Woods has encouraged research in the concrete field so that users of the product could better understand the effects of changes in that project, its placement, and finishing.

He attended Creighton University, Omaha, NE, for 1 year and went on from there to complete a 4-year apprenticeship program in concrete and bricklaying, leading to the receipt of his journeyman card.

Awards

ACI DISTINGUISHED ACHIEVEMENT AWARD

The **ACI Distinguished Achievement Award** was established in 2004 “to recognize individuals or entities who have made notable contributions to the advancement of the concrete industry.” Nominees must be nonmembers, and the award need not be awarded annually.

“for providing responsible leadership in the advancement of the concrete industry through education, specification development, and commitment to community”



The **California Construction and Industrial Materials Association**

(CALCIMA) is a trade association for ready mixed concrete, aggregate, and

industrial mineral producers in California. There are over 70 producer members of CALCIMA operating 750 mines and plants in California.

A key theme of CALCIMA is “distance matters”: the idea that local supplies of construction materials are needed to reduce haul distances and, thus, reduce impacts to the roads and environment. CALCIMA provides legislative and regulatory representation for the industry in California. In the past 3 years, CALCIMA has sponsored nine bills that have been signed into law. These include bills to protect resources, enhance recycling of reclaimed concrete materials, and allow for automated weigh stations at concrete batch plants.

CALCIMA is active in a number of regulatory efforts to improve or protect ready mixed concrete operations. These include working with the State Water Board to address issues with both concrete process water and storm water, developing a manual of best practices for process water at batch plants; working with air districts to make portable equipment available for recycling at batch plants; working with the California Highway Patrol on vehicle requirements and inspection; and working with agencies that oversee workplace and safety laws.

CALCIMA’s Technical Committee directs association activities on matters regarding concrete specifications. Current activities include working with Caltrans and the Division of Measurement Standards to develop a specification for returned concrete, the California Building Standards Commission on recycled materials in the California Green Building Code, and the California Department of Health to implement Water Standard 61. Members of the Technical Committee have seats on the Caltrans’ Concrete Task Group, the Concrete Materials Subtask Group, and the Cast-in-Place Concrete Subtask Group. In addition, the committee plans training and educational topics for the membership.

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 contributing to the innovative education of students in concrete materials and structures, promoting professional membership, and service to ACI’s educational and membership committees”



Stephan A. Durham is an Associate Professor and Program Coordinator for civil engineering in the University of Georgia’s College of Engineering, Athens, GA.

Durham actively serves on the Collegiate Concrete Council, and ACI Committees C610, Field Technician Certification; E905, Training Programs; and S806, Young Professional Activities. He is also a member of the American Society of Civil Engineers (ASCE).

He received his BS in civil engineering and MS and PhD in civil engineering with a structural engineering emphasis from the University of Arkansas, Fayetteville, AR, in 2001, 2003, and 2005, respectively.

Awards

“for contributions to the education of and encouragement of all students, for service on ACI committees, and for advocating continuing education of the concrete industry through innovation”



Walter H. Flood IV is an Assistant Engineer and Project Manager with his family’s materials testing and inspection company, Flood Testing Labs, Chicago, IL.

He is Chair of ACI Committee S801, Student Activities; a member of ACI Committees 327, Roller-Compacted Concrete Pavements, and 522, Pervious Concrete; and an associate member of ACI Committees 302, Construction of Concrete Floors, and 363, High-Strength Concrete. He is Secretary of ASTM International Subcommittee C09.49, Pervious Concrete, and a member of Subcommittee C09.45,

Roller-Compacted Concrete. He is also a member of the American Society of Civil Engineers (ASCE). Flood is a licensed professional engineer in the state of Indiana.

His research interests include low-shrinkage concrete slabs and all aspects of pervious and roller-compacted concrete, and hopes to focus more research time on the impact of fast-paced construction schedules on the long-term behavior of concrete high-rises.

Flood received his BS in civil engineering from Rose-Hulman Institute of Technology, Terre Haute, IN, in 2003, and his MS in geotechnical engineering from the University of Colorado Boulder, Boulder, CO, in 2005.

Awards

“for advancement of alkali-silica reaction test methods, for the commitment to sustainability education and technology, and for the mentoring of students”



Jason H. Ideker is an Assistant Professor and the Kearney Faculty Scholar in the School of Civil and Construction Engineering at Oregon State University, Corvallis, OR.

He is a member of ACI Committees 123, Research and Current Developments; 201, Durability of Concrete; 231, Properties of Concrete at Early Ages; and 236, Material Science of Concrete. He is a co-editor of SP-270, *Advances in the Material Science of Concrete*. Ideker is also a member of ASTM International.

His research interests include both early-age properties of concrete as well as long-term durability, with a specific focus on test methods for alkali-aggregate reaction.

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

Awards

WASON MEDAL FOR MOST MERITORIOUS PAPER

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

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

“for investigating the influences of load distribution and tapered beam geometries on shear strength” (“Effect of Load Distribution and Variable Depth on Shear Resistance of Slender Beams without Stirrups,” *ACI Structural Journal*, September-October 2012, pp. 595-603)



Alejandro Pérez Caldentey is a Professor at the Civil Engineering School of the Polytechnic University of Madrid, Madrid, Spain, and Head of the Research and Development Department of FHECOR Consulting Engineers.

He is a member of several technical committees in Europe, including *fib* Task Group 4.1, Serviceability Models; CEN/TC 250 SC 2, Eurocode 2: Design of Concrete Structures; and WG1, Policy, Procedures, and Links with Other Standards.

Caldentey’s research interests include shear resistance; jointless structures; and cracking of structural concrete and fiber-reinforced concrete, focused mainly on practical applications.

He received his civil engineering degree and his PhD in civil engineering from the Polytechnic University of Madrid in 1989 and 1996, respectively.

Awards



Patricio Padilla Lavaselli is a Bridge Designer in the Research – Develop and Innovation Department for FHECOR Consulting Engineers, Madrid, Spain. He has authored or co-authored over 10 technical papers and reports.

His research interests include shear behavior of reinforced concrete element.

Lavaselli received his BS in civil engineering from The National University of Tucumán Argentine, Argentina in 2001, and his MS and PhD in civil engineering from the University Polytechnic of Madrid at Madrid, Spain, in 2007 and 2009, respectively.



ACI Member **Aurelio Muttoni** is Professor in the School of Architecture, Civil and Environmental Engineering of the Swiss Federal Institute of Technology, Lausanne, Switzerland, where he heads the Structural Concrete Laboratory. Besides his academic activities, he is the co-owner of a design office that focuses on high-level applications of structural concrete.

In 2010, he was awarded the ACI Chester Paul Siess Award for Excellence in Structural Research for his research on punching shear in flat slabs.

Muttoni's research interests include innovative structural types, conceptual design of bridges, shear and punching shear, high-performance fiber-reinforced concrete, and soil-structure interaction.

He received his diploma and PhD from the Swiss Federal Institute of Technology in Zurich, Switzerland, in 1982 and 1989, respectively.

Awards



Miguel Fernández Ruiz is a Lecturer and Research Scientist at the School of Architecture, Civil, and Environmental Engineering of École Polytechnique Fédérale de Lausanne, Lausanne, Switzerland, since 2004, where he develops his research and teaching activity.

His research interests include the serviceability behavior of structures, bond, shear and punching shear, and the modeling of structural concrete using stress fields.

Ruiz received his diploma and PhD in civil engineering from the Polytechnical University of Madrid, Madrid, Spain, in 2001 and 2004, respectively.

Awards

ACI CONSTRUCTION AWARD

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

“for emphasizing the importance of educating those involved in construction to prevent construction failures” (“Construction Failures: Have We Learned Our Lessons?” in Concrete Construction and Structural Evaluation: A Symposium Honoring Dov Kaminetzky, SP-285, May 2012)



ACI Honorary Member **Nicholas J. Carino** is a Concrete Technology Consultant in Chagrin Falls, OH. He is also an affiliated consultant to the Cleveland office of Wiss, Janney, Elstner Associates, Inc.

Carino has received numerous ACI awards, including the Wason Medal for Materials Research in 1986, 1991, 1994, and 2004; the Delmar L. Bloem Distinguished Service Award in 1993; the Robert E. Philleo Award in 2004; the Arthur R. Anderson Award in 2008; and became an ACI Honorary Member in 2011.

Carino currently serves on ACI Committees E707, Specification Education; 228, Nondestructive Testing of Concrete; 301, Specifications for Concrete; 329, Performance Criteria for Ready Mixed Concrete; 437, Strength Evaluation of Existing Concrete Structures; ACI Subcommittee 318-A, General, Concrete, and Construction; the TAC Construction Standards Committee; and the SDC Technology Transfer Advisory Group. He is a Fellow of ASTM International and a Life Member of the American Society of Civil Engineers (ASCE).

He received his BS in 1969, his MS in 1971, and his PhD in 1974 from Cornell University, Ithaca, NY.

Awards

WASON MEDAL FOR MATERIALS RESEARCH

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

“for investigating the benefits of internal curing of high-performance concrete using prewetted lightweight aggregate to improve the durability of structures” (“Corrosion and Service Life Estimates for Internally Cured Concrete,” in *The Economics, Performance and Sustainability of Internally Cured Concrete*, SP-290, September 2012)



Kambiz Raoufi is a Materials Specialist working for Bechtel Corporation, Houston, TX.

He is a member of ACI Committees 231, Properties of Concrete at Early Ages; 365, Service Life Prediction; and 376, Concrete Structures for Refrigerated Liquefied Gas Containment.

His research interests include sustainability of concrete construction, early-age behavior and durability of concrete, cracking mitigation techniques, service life prediction, and performance modeling of concrete structures.

Raoufi received his BS in civil engineering from Louisiana State University, Baton Rouge, LA, in 2005, and his MS and PhD in civil engineering from Purdue University, West Lafayette, IN, in 2007 and 2011, respectively.

Awards



W. Jason Weiss, FACI, is the Jack and Kay Hockema Professor of Civil Engineering and Director of the Pankow Materials Laboratory at Purdue University, West Lafayette, IN. Weiss has taught courses in civil engineering materials, concrete materials, service life, repair, and nondestructive testing. His primary research interests are in the area of early-age shrinkage cracking and mitigation as well as service life sensing and prediction.

Weiss is a past recipient of the ACI Walter P. Moore, Jr. Faculty Achievement Award, ACI Young Member Award for Professional Achievement, and the ACI Wason Award for Materials Research. He is a member and past Chair of ACI Committee 123, Research and Current Developments, and a member of Committees 209, Creep and Shrinkage in Concrete; 231, Properties of Concrete at Early Ages; 365, Service Life Prediction; and Subcommittee 318-A, General, Concrete, and Construction. He is also a member of the American Society of Civil Engineers (ASCE); the Transportation Research Board (TRB); ASTM International; and RILEM, where he is Editor-in-Chief of RILEM's *Materials and Structures* journal.

He is actively involved in research on cement and concrete materials, specifically focused on early-age property development, cracking, transport in concrete, and concrete durability.

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

Awards

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

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

“for proposing a general equation to determine the development length of unconfined reinforcement” (“Development Length of Unconfined Conventional and High-Strength Steel Reinforcing Bars,” *ACI Structural Journal*, September-October 2012, pp. 655-664)



Amr Hosny is Senior Engineer for BergerABAM, Inc., Houston, TX.

Hosny is a member of Joint ACI-ASCE Committees 408, Development and Splicing of Deformed Bars, and 445, Shear and Torsion. He is also a member of the Precast/Prestressed Concrete Institute (PCI). He is a licensed professional engineer in Texas.

His research interests are mainly focused on the bond and shear behavior of concrete members reinforced with high-performance steel and concrete members made with lightweight synthetic particle concrete.

Hosny received his BSc in civil engineering from Ein Shams University, Cairo, Egypt, in 2004, and his MSc and PhD in civil engineering from North Carolina State University, Raleigh, NC, in 2007 and 2010, respectively.

Awards



Sami H. Rizkalla is a Distinguished Professor of Civil and Construction Engineering and the Director of the Constructed Facilities Laboratory, North Carolina State University, Raleigh, NC. He is also the Director of the NSF Center “Center of Integration of Composites into Infrastructure” (CICI).

He is a Fellow of ACI, the American Society of Civil Engineers (ASCE), the Canadian Society for Civil Engineering (CSCE), the International Institute for FRP in Construction (IIFC), and the Engineering Institute of Canada (EIC). Rizkalla has received numerous awards, including the ACI Foundation’s

Arthur J. Boase Award in 2010, the ACI Joe W. Kelly Award in 2008, and the Delmar L. Bloem Distinguished Service Award in 2004. He is a member of ACI Committee 440, Fiber-Reinforced Polymer Reinforcement, and Joint ACI-ASCE Committees 423, Prestressed Concrete, and 550, Precast Concrete Structures.



Hatem M. Seliem is an Assistant Professor of Structural Engineering in the Department of Civil Engineering, Helwan University, Egypt, and is currently a visiting scholar at North Carolina State University, Raleigh, NC.

He is a member of ACI and the Precast/Prestressed Concrete Institute (PCI). He is also an elected Council Member of the International Institute of FRP in Construction, a nominated Member of the Transportation Research Board (TRB) Standing Committee of Structural Fiber Reinforced Polymer, and a member of the Concrete Bridge Design Committee of the

Egyptian Code of Practice for Design and Construction of Bridges.

Seliem’s research interests include the design and behavior of concrete building and bridges, the use of high-performance materials for concrete structures, and the use of advanced composite materials for retrofitting of structures and civil infrastructure.

He received his BS and MSC in civil engineering from Cairo University, Cairo, Egypt, in 2000 and 2002, respectively, and his PhD from North Carolina State University in 2007.

Awards



Paul Zia is Distinguished University Professor Emeritus in the Department of Civil, Construction, and Environmental Engineering at North Carolina State University, Raleigh, NC.

He is a Past President and Honorary Member of ACI, and recipient of the ACI Joe W. Kelly Award in 1985 and the Arthur J. Boase Award of the Concrete Research Council in 1992.

Zia serves on ACI Committees 363, High-Strength Concrete; 440, Fiber-Reinforced Polymer Reinforcement; Subcommittee 440-J, FRP Stay-in-Place Forms; Joint ACI-ASCE Committees 423, Prestressed Concrete, and 445, Shear and Torsion; the Concrete Research Council; and the Technology Transfer Advisory Group of the Strategic Development Council of the ACI Foundation. He is a Distinguished Member of the American Society of Civil Engineers (ASCE), and a Fellow of the Precast/Prestressed Concrete Institute (PCI) and recipient of its Medal of Honor in 2012. He was elected a member of the National Academy of Engineering in 1983. He is a licensed professional engineer in North Carolina.

His research interests include behavior and design of reinforced and prestressed concrete structures, the use of high-strength/high-performance concrete and reinforcement, and self-consolidating concrete.

He received his BSCE in 1949 from National Chiao Tung University (now Shanghai Jiao Tong University) in Shanghai, China; his MSCE in 1952 from the University of Washington, Seattle, WA; and his PhD in 1960 from the University of Florida, Gainesville, FL.

Awards

ACI DESIGN AWARD

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

*“for presenting a rationalized design approach to compute deflection of steel or FRP reinforced concrete members” (“Unified Approach for Computing Deflection of Steel and FRP Reinforced Concrete,” in *Andy Scanlon Symposium on Serviceability and Safety of Concrete Structures: From Research to Practice*, SP-284, March 2012)*



An ACI Fellow since 2008, **Peter H. Bischoff** is a Professor in the Department of Civil Engineering at the University of New Brunswick, Fredericton, NB, Canada.

Bischoff is a member of ACI Committees 224, Cracking; 360, Design of Slabs on Ground; 435, Deflection of Concrete Building Structures; 440, Fiber-Reinforced Polymer Reinforcement; 544, Fiber-Reinforced Concrete; and Joint ACI-ASCE Committee 408, Development and Splicing of Deformed Bars. He has also served as Chapter Officer and Vice President of the ACI Atlantic Chapter. He is a member of the Canadian Society for Civil Engineering (CSCE) and received the Casimir Gzowski Medal (Canada’s oldest engineering award) from CSCE in 2008 for his work on deflection. He is a licensed professional engineer in the Province of New Brunswick, Canada.

His research interests include serviceability behavior of concrete structures, use of fiber-reinforced concrete in structural applications, soil-structure interaction related to ground-supported slabs and footings, and impact behavior of concrete.

Bischoff received his BSc in civil engineering from the University of British Columbia, Vancouver, BC, Canada, in 1979; his MEng from McGill University, Montreal, QC, Canada, in 1983; his PhD from the University of London, UK, in 1988; and his Diploma of the Imperial College (DIC) from Imperial College London, UK in 1988.

Awards



Mohammadali Darabi is a Civil/Structural Engineer for AMEC Americas Ltd., Calgary, AB, Canada.

He is a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI). His research interests include serviceability behavior of concrete structures. Darabi received his BS in civil engineering from Shiraz University, Shiraz, Iran, in 2008, and his MS in structural engineering from the University of New Brunswick, Fredericton, NB, Canada, in 2011.

Awards

DELMAR L. BLOEM DISTINGUISHED SERVICE AWARD

The **Delmar L. Bloem Distinguished Service Award** is given in recognition of noteworthy work on ACI technical committees. This award goes to a current (or recent) chair, or under special circumstances, to deserving individuals other than committee chairs, for outstanding service. Created in 1969, then renamed 2 years later to memorialize Bloem for his outstanding contributions to the technical work of the Institute, nominations come from the Technical Activities Committee and are approved by the Board.

“for outstanding leadership of Committee 369, Seismic Repair and Rehabilitation”



Kenneth J. Elwood, FACI, is a Professor of civil engineering at the University of British Columbia, Vancouver, BC, Canada.

He received the ACI Chester Paul Siess Award for Excellence in Structural Research in 2007. He is Chair of ACI Committee 133, Disaster Reconnaissance; past Chair of 369, Seismic Repair and Rehabilitation; and member of ACI Subcommittee 318-H, Seismic Design. Elwood is also a member of the Board of Directors of the Earthquake Engineering Research Institute.

His research interests include the behavior and performance-based design of reinforced concrete structures under seismic loading.

He received his PhD from the University of California, Berkeley, Berkeley, CA, in 2002.

Awards

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



Lawrence F. Kahn has been a Professor of civil engineering at the Georgia Institute of Technology, Atlanta, GA, for 37 years.

Currently, he is a member of ACI Committees 546, Repair of Concrete, and 562, Evaluation, Repair, and Rehabilitation of Concrete Buildings, and an associate member of 364, Rehabilitation; 440, Fiber-Reinforced Polymer Reinforcement; and 563, Specifications for Repair of Structural Concrete in Buildings. He is a Fellow of the American Society of Civil Engineers (ASCE), and he is a licensed professional engineer in Georgia, Michigan, and California.

Kahn’s research is focused on the development and application of high-performance concrete for bridge structures and on the repair and strengthening of concrete and masonry structures.

He received his BS, MS, and PhD in civil engineering from Stanford University, Stanford, CA (1966); the University of Illinois Urbana-Champaign, Champaign, IL (1967); and the University of Michigan, Ann Arbor, MI (1976), respectively.

“for outstanding leadership of Committee 351, Foundations for Equipment and Machinery”



David Kerins is an Engineering Associate for ExxonMobil Research and Engineering Company, Fairfax, VA.

He is past Chair of ACI Committee 351, Foundations for Equipment and Machinery. He is also a member of the American Society of Civil Engineers (ASCE).

Kerins received his degree in civil engineering from Cork Institute of Technology, Cork, Ireland, in 1977. He is a licensed professional engineer in Louisiana.

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 Committee and are approved by the Board.

“for his valuable contributions and enthusiasm in support of the ACI Guatemala Chapter activities”



Luis Alvarez-Valencia is a Civil Engineer from San Carlos University, Guatemala City, Guatemala, and is the General Director of the Institute of Cement and Concrete from Guatemala (ICCG).

He currently serves as President of the ACI Guatemala Chapter. He is also a member of FICEM (Interamerican Federation of Cement) and leads its Pavements Concrete Technical Committee; a member and past Vice President of FIHP (Iberoamerican Federation of Mixed Concrete); and a member of the Guatemala National Council of Normalization (COGUANOR).

His research interests include mixed concrete, concrete pavements, and industrialized housing, and he has promoted the standardization of construction materials in Guatemala.

Awards

“for his outstanding contributions to the ACI Central Texas Chapter”



Bryan Angelo, CET, is the Construction Services Department Manager for Professional Service Industries (PSI), Austin, TX, where he also assumes responsibilities as the Radiation Safety Officer, the Technical Site Quality Manager, and the Field/Lab Technician Supervisor.

He is a member of ACI and for the last 12 years has served as ACI Central Texas Chapter Treasurer. He holds current certifications as a Concrete Field Testing Technician, Concrete Strength Testing Technician, and Concrete Laboratory Testing Technician. Angelo has also achieved Level III Certification for Asphalt,

Concrete, and Soils with the National Institute for Certification in Engineering Technologies (NICET).

“for his exceptional efforts and tireless service to the ACI Lebanon Chapter”



Maher El Barrak is Divisions Manager for Advanced Construction Technology Services, ACTS, Beirut, Lebanon. He supervises the Consultancy, Conferences, Training, and Standards divisions of the company.

He is Treasurer of the ACI Lebanon Chapter, and is a member of the Chapter Activities Committee.

He received his diploma in civil engineering from the Lebanese University, Beirut, Lebanon, in 2000, and his master's and PhD in civil engineering, materials, and structures from the University Paul Sabatier, Toulouse, France, in 2001 and 2005, respectively.

Awards

“for his untiring efforts and dedication on behalf of the ACI Maryland Chapter”



Dean R. Plank is a Project Manager, Concrete Consultant, Pervious Concrete Consultant, Teacher, Trainer, and Testing Technician for Specialized Engineering, Frederick, MD. He supports all concrete activities and testing procedures of the Specialized Laboratories in Frederick and Baltimore, MD; Ranson, WV; and Gettysburg and Hollywood, PA.

He is the immediate Past President and a Board member of the ACI Maryland Chapter, as well as a Teacher, Trainer, Proctor, and Examiner of Record for the Chapter's Certification Committee. He is a member of ACI Committee 522, Pervious Concrete, and

Joint ACI-CRSI Committee C680, Adhesive Anchor Installer Certification. Plank is also a member of ASTM International Subcommittees C09.40, Ready-Mixed Concrete, and C09.49, Pervious Concrete, and a number of other local organizations in Maryland and Pennsylvania. Plank is an ACI Certified Flatwork Finisher and Technician, Adhesive Anchor Installer, Aggregate Testing Technician, Concrete Strength Testing Technician, and Concrete Laboratory Testing Technician; a National Ready Mixed Concrete Association (NRMCA) Certified Concrete Professional, Concrete Technologist Level 3, Plant Operator Level II, Plant Manager, Pervious Craftsman, Concrete Field Testing Technician Grade II, and Approved Plant Inspector/Inspecting Assistant.

Plank received degrees from the Georgia Institute of Technology, Atlanta, GA; York Technical Institute; and Wilson College, Chambersburg, PA.

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.

“in recognition of his passion for and mastery of the art of teaching, his commitment to K-12 outreach, and his championing of the Collegiate Concrete Council”



Tyler Ley is an Associate Professor in the Department of Civil and Environmental Engineering and the Williams' Foundation Professor at Oklahoma State University (OSU), Stillwater, OK. He has authored or co-authored over 60 technical papers and reports and holds five patents.

He is Chair of ACI Subcommittee 211-I, Accessing Aggregate Gradation. He is also a member of ACI Committees 201, Concrete Durability; 211, Concrete Mixture Proportioning; 236, Material Science; the Collegiate Concrete Council; and the Scholarship Council. He is a former Chair and Secretary of the Collegiate Concrete Council and was a founding member. He was also a former member of the Marketing Committee and the Student and Young Professionals Activities Committee.

He received an ACI Student Fellowship in 2005 and the Robert Fluegge Fellowship in 2002 from the ACI Central Texas Chapter. His research interests include improving the sustainability, durability, and constructibility of concrete.

Ley received his BS in civil engineering from Oklahoma State University in 1996, and his MS and PhD in civil engineering from the University of Texas at Austin, Austin, TX, in 2000 and 2007, respectively. He is a licensed professional engineer in California.

T.Y. Lin Award

TBD March 2014

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 the American Concrete Institute.

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

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

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

Excellent Chapters for 2013

Arizona
Arkansas
Central & Southern Mexico
Georgia
Greater Miami Valley
India
Intermountain
Kansas
Louisiana
Nebraska
New Jersey
New Mexico
Northeast Mexico
Northeast Texas
Northern California and Western Nevada
Ontario
Peru
San Diego International
Singapore
Southern California
Virginia

Outstanding Chapters for 2013

Ecuador
Greater Michigan
Guatemala
Indiana
Lebanon
Las Vegas
Pittsburgh Area
Washington

University Awards

ACI AWARD FOR UNIVERSITY STUDENT ACTIVITIES

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

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

ACI Excellent University Award 2013

Arizona State University
Kansas State University
Middle Tennessee State University
Missouri S&T
New Jersey Institute of Technology
North Carolina State University
Polytechnic University of Puerto Rico
San Jose State University
Southern Illinois University -
Edwardsville
Texas State University
Universidad Autónoma de
Nuevo León
University of Arkansas - Fayetteville
University of Illinois at
Urbana-Champaign
University of Minnesota – Duluth
University of Missouri – Kansas City
University of Nebraska at Kearney

ACI Outstanding University Award 2013

Auburn University
Cleveland State University
Instituto Tecnológico de La Paz
National Polytechnic Institute
NED University of Engineering and
Technology
New York City College of Technology
Pennsylvania State University
Rose-Hulman Institute of Technology
Universidad Rafael Landívar Campus
Quetzaltenango
Universidad Rafael Landívar Vista
Hermosa III Campus
University of Alabama
University of Georgia
Valparaiso University

Awards

EDUCATIONAL ACTIVITIES COMMITTEE SPEAKER OF THE YEAR AWARD



Donald F. Meinheit is a retired structural engineer and an Affiliated Consultant with Wiss, Janney, Elstner Associates, Inc. (WJE) in their Chicago, IL, office. Meinheit has over 40 years of experience in laboratory research testing, rehabilitation consulting, and investigating failures. He has been an active contributor and technical committee Chair in several associations: The American Society of Civil Engineers (ASCE), the American Concrete Institute (ACI), the Precast/Prestressed Concrete Institute (PCI), and the Concrete Reinforcing Steel Institute (CRSI). His involvement with concrete anchor testing and evaluation

started in 1979. He is also a long-time member, active contributor, and past Chair of ACI Committee 355, Anchorage to Concrete. Meinheit also Chaired ACI Committee C680, Adhesive Anchor Installer Certification, which developed the certification program and wrote the Adhesive Anchor Installer Workbook [CP-80] (2012). Since retiring from WJE, Meinheit has given numerous anchorage to concrete seminars for ACI and taught structural design and offered a graduate student class on anchorage behavior and code design provisions at Purdue University, West Lafayette, IN.

Index

50-Year Membership Citations.....	10-12
-----------------------------------	-------

A

Abel, John F.	10
ACI Award for University Student Activities.....	62
ACI Certification Award	38-39
ACI Construction Award	47
ACI Design Award	53-54
ACI Distinguished Achievement Award.....	40
ACI Young Member Award for Professional Achievement	41-43
Adediran, Adeola K.....	14
Alfred E. Lindau Award.....	34
Alvarez-Valencia, Luis	57
Anderson, Karl J.	12
Angelo, Bryan	58
Ardahl, Jon B.....	10
Arthur R. Anderson Medal.....	30

B

Baweja, Daksh.....	14
Belanger, Alain.....	15
Bischoff, Peter H.	53

C

Cagley, James R.....	5
Caldentey, Alejandro Pérez	44
California Construction and Industrial Materials Association (CalCIMA).....	40
Carino, Nicholas J.....	47
Carrasquillo, Ramón L.....	35
Carrier, Paul	10
Castles, Bryan R.....	15
Cedric Willson Lightweight Aggregate Concrete Award.....	37
Chapter Activities Award	57-59
Chapter Awards - Citations of Excellence.....	61
Charles S. Whitney Medal.....	36
Chester Paul Siess Award for Excellence in Structural Research	50-52
Chester, Robert E.....	10
Chiorino, Mario A.....	6
Chiu, Kun-Young.....	12

Index

D

Daczko, Joseph A.....	16
Darabi, Mohammadali.....	54
Delmar L. Bloem Distinguished Service Award.....	55–56
Deschapelles, Bernardo	10
De Schutter, Geert	30
Desimone, Vincent.....	12
Durham, Stephan A.	41

E

Educational Activities Committee Speaker of the Year Award	63
El Barrak, Maher	58
Elwood, Kenneth J.....	55

F

Fanella, David A.	34
Feinberg, Bernard.....	12
Fellows	13–29
Flood IV, Walter H.	42
Freedman, Sidney.....	10

G

Gajda, John.....	16
Gibbons, Jack	17
Goldberg, Barry A.....	12
Greene, Thomas M.	18
Griffith, Frances T.....	18, 38

H

Hale, W. Micah.....	19
Harmsen, Teodoro E.	10
Hassan, Hanny.....	12
Henry C. Turner Medal	35
Henry L. Kennedy Award.....	33
Holland, Jerry A.....	32
Hollingsworth, David L.	39
Honorary Members.....	4–9
Hosny, Amr	50

Index

I

Ideker, Jason H.....	43
Ikeda, Shoji.....	10

J

Jaycox, Claude E.	10
Joe W. Kelly Award.....	32

K

Kahn, Lawrence F.	56
Kaminker, Andrew J.....	11
Kang, Thomas	19
Kawakami, Hideo	11
Kerins, David	56

L

Lavaselli, Patricio Padilla.....	45
Lewis, Robert C.	20
Ley, Tyler.....	60
Llewellyn, Jack F.....	11

M

Marzotto, Tito R.	11
Mass, Gary R.	11
Meinheit, Donald F. P.E., S.E.....	63
Mota, Miguel.....	21
Mrazek, Larry G.	11
Mutsuyoshi, Hiroshi.....	22
Muttoni, Aurelio	45

N

Naaman, Antoine (Tony) E.	7
--------------------------------	---

O

Offenberg, Matthew	22
Ooi, Oon-Soo.....	23
Ozyildirim, H. Celik.....	37

Index

P

Pasquel, Enrique	8
Pavon, Victor M.....	11
Plank, Dean R.	59
Poston, Randall W.....	33
Prusinski, Jan R.....	24

Q

Quiros Jr., Jorge L.	24
---------------------------	----

R

Raoufi, Kambiz	48
Rizkalla, Sami H.	51
Roberts, Lawrence R.	25
Robinson, John R.....	11
Roger H. Corbetta Concrete Constructor Award	31
Ruiz, Miguel Fernández.....	46

S

Sabnis, Gajanan M.....	11
Sakda, S.	12
Sanders, Joseph C.	31
Schindler, Anton K.	26
Segner Jr., Edmund P.....	12
Seliem, Hatem M.	51
Sezen, Halil.....	26
Sherman, Matthew R.	27
Somero, David W.....	36
Swamy, Ramnath Narayan	12

T

Tay, David C. K.	12
Taylor, Michael Anthony.....	12
Tolley, William R.	9
Trygestad, Amy M. R.	27
Tumialan, Gustavo	28
T.Y. Lin Award.....	61

U

University Awards	62
-------------------------	----

Index

V

Villarreal, Victor Hugo	29
-------------------------------	----

W

Walter P. Moore, Jr. Faculty Achievement Award	60
Warnes, Cloyd E.	12
Wason Medal for Materials Research	48–49
Wason Medal for Most Meritorious Paper.....	44–46
Watson, Patrick.....	29
Weiss, W. Jason	49
Woods, Jerry.....	39

Z

Zia, Paul.....	52
----------------	----

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