

The background is a solid teal color with several large, overlapping, semi-transparent geometric shapes in a slightly darker shade of teal. At the bottom of the image, there is a horizontal band showing a close-up of a rocky or pebbly surface, possibly a shoreline or a textured wall, in a lighter, more naturalistic color.

# **2013** ***Awards Program***

April 14 • Minneapolis Convention Center  
Minneapolis, MN

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# Awards

## HONORARY MEMBERSHIP

Kenneth B. Bondy  
Allen Face  
Per Fidjestøl

Anthony E. Fiorato  
Ward R. Malisch

## 50-YEAR MEMBERSHIP

Stuart C. Anderson  
Arthur L. Andrew  
Yukio Aoyagi  
Joseph F. Artuso  
Robert S. Barneyback Jr.  
David Beal  
Robert D. Botkin  
Thomas W. Brockenbrough  
M. Z. Cohn  
Gerasimos Criticos  
Oscar M. Gonzalez Cuevas  
Earl G. Cutler  
Robert M. Darvas  
Jayant P. Desai

Robert G. Drysdale  
Jose M. Espinal-Vazquez  
E. A. Jack Gale  
Jacob S. Grossman  
(deceased)  
Eugene Harbour  
Krishan (Kris) K. Jain  
Sun Yong Kim  
D. Stanton Korista  
Douglas Dongwoo Lee  
James Lefter  
Donald R. Logan  
Ward R. Malisch  
James E. McDonald

Clyde C. Moore  
Shigeyoshi Nagataki  
Roger R. Nicolet  
Hajime Okamura  
Thomas J. Pasko Jr.  
Donald R. Schultz  
Surendra P. Shah  
G. M. Singhvi  
William Aurand Stuart II  
William R. Thompson  
Keith C. Thornton  
Jairo Uribe

## FELLOWS

Corina-Maria Aldea  
Kim D. Basham  
David T. Biggs  
Karl Philip Brandt  
Bruce W. Carter  
James N. Cornell II  
Peter A. Craig  
Jeff Dragovich  
Ashish Dubey  
David A. Fanella  
Lisa R. Feldman  
Donato Figueroa-Gallo

John C. Glumb  
Man-Yop Han  
Bernard H. Hertlein  
Wen-Chen Jau  
Shih-Tang Lin  
Hesham Marzouk  
Warren E. McPherson  
Fred Meyer  
Robert E. Neal  
Joseph F. Neuber Jr.  
Giovanni A. Plizzari  
Carin Roberts-Wollmann

Khaled Soudki  
Richard S. Szecsy  
Lawrence H. Taber  
Scott M. Tarr  
David Trejo  
Miroslav F. Vejvoda  
Wayne W. Walker  
Kejin Wang  
Michael A. Whisonant  
David Whitmore  
Andrew Whittaker  
Peter T. Yen

## ARTHUR R. ANDERSON MEDAL

Charles K. Nmai

## ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

Dean A. Browning

## JOE W. KELLY AWARD

Paul J. Tikalsky

## HENRY L. KENNEDY AWARD

Thomas Otto Malerk

# Awards

## **ALFRED E. LINDAU AWARD**

William F. Baker

## **HENRY C. TURNER MEDAL**

Colin L. Lobo

## **CHARLES S. WHITNEY MEDAL**

ADAPT Corporation

## **CEDRIC WILLSON LIGHTWEIGHT AGGREGATE CONCRETE AWARD**

George Michael Robinson

## **ACI CERTIFICATION AWARD**

Keith Foster • Wally Rooke • Bruce A. Suprenant

## **ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT**

Scott R. Cumming • John T. Kevern • Kyle A. Riding

## **WASON MEDAL FOR MOST MERITORIOUS PAPER**

W. Calvin McCall

## **ACI CONSTRUCTION AWARD**

Jeffrey St. John

## **WASON MEDAL FOR MATERIALS RESEARCH**

Alessandro P. Fantilli • Hirozo Mihashi • Paolo Vallini • Bernardino M. Chiaia

## **CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH**

Jason Barrington • David Dickson • Luke A. Bisby • Tim Stratford

## **ACI DESIGN AWARD**

José Riobóo Martín

## **DELMAR L. BLOEM DISTINGUISHED SERVICE AWARD**

Neven Krstulovic-Opara • Kimberly E. Kurtis • Diane Throop

## **CHAPTER ACTIVITIES AWARD**

Thomas J. Grisinger • Anthony I. Johnson • Bartley William Kanters • Ephraim Senbetta

## **WALTER P. MOORE, JR. FACULTY ACHIEVEMENT AWARD**

Zachary C. Grasley

## **CHAPTER AWARDS—CITATIONS OF EXCELLENCE**

## **ACI AWARD FOR UNIVERSITY STUDENT ACTIVITIES**

## **EDUCATIONAL ACTIVITIES COMMITTEE SPEAKER OF THE YEAR AWARD**

Robert J. Frosch



## 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, 224 have been elected to this position.*

## Honorary Members

*“for his national leadership in the understanding of the behavior, design, and construction of post-tensioned building systems and his significant contributions to education, ACI committees, and the ACI 318 Building Code”*



**Kenneth B. Bondy** is a retired structural engineer from Los Angeles, CA. He has specialized in the design and construction of post-tensioned concrete building structures for 50 years.

In March of 2010, he received the ACI Joe W. Kelly Award for contributions in education. In October of 2012, he received the ACI Foundation Concrete Research Council Arthur J. Boase Award for advancing design and construction practices in post-tensioned concrete building structures.

He is currently a member of ACI Committees 132, Responsibility in Concrete Construction; 318, Structural Concrete Building Code; 332, Residential Concrete Work; and Joint ACI-ASCE Committee 423, Prestressed Concrete. He is also a past member of the ACI Board of Direction; the Technical Activities Committee; ACI Committees 301, Specifications for Concrete; and 314, Simplified Design of Concrete Buildings. He is a Past President of the Post-Tensioning Institute (PTI) and a member of the PTI Hall of Fame, Legends of Post-Tensioning, and an Honorary Member of the Structural Engineers Association of Southern California.

Bondy received his BS degree in civil engineering in 1963 and his master's degree in structural engineering in 1964, both from the University of California, Los Angeles. He is a licensed civil and structural engineer in California and has been licensed in Hawaii, Nevada, Minnesota, New Mexico, Texas, and the Territory of Guam.

## Honorary Members

*“for his many technical contributions to the design, construction, and quality control of concrete floor slabs and his lifelong efforts to rationalize the floor contracting environment”*



**Allen Face** is CEO of Allen Face & Company in Wilmington, NC. He is a co-inventor (with his late father, Sam) of both the differential floor profile-graph and the “superflat” concrete floor. He is the author of the Fmin profile specification and control system for defined traffic floors and the ASTM E1155  $F_F/F_L$  profile numbering system for random traffic floors. He is the inventor of the Dipstick<sup>®</sup>, F-Meter<sup>®</sup>, and D-Meter<sup>®</sup> floor profilers; the ScreedRail<sup>®</sup> wet screed replacement system, the FL Screed<sup>®</sup> laser-guided manual screed, and the DuctilCrete<sup>®</sup> layered slab system; and is also the author of many magazine

articles on slab-on-ground design, construction methodology, quality control, and contracting practice.

He is a member of ACI Committees 117, Tolerances; 302, Construction of Concrete Floors; and 360, Design of Slabs on Ground; and ASTM Subcommittees E6, Building Performance, and E17, Roads. In 1990, he was the Construction Innovation Forum’s first recipient of their annual Nova Award for outstanding contributions to American construction technology. He was named an ACI Fellow in 1997.

In 1970, Face received his BS in naval architecture and marine engineering from the Webb Institute of Naval Architecture in Glen Cove, NY. His research interests remain in the areas of material science, mechanical design, construction methodology, quality control, and contracting practice—all pertinent to the optimization of the concrete slab-on-ground.

## Honorary Members

*“for his leadership on silica fume and high-performance concrete knowledge and his exemplary efforts as an International Ambassador for the concrete industry”*



**Per Fidjestøl** has been Technical Manager with Elkem ASA Materials, Kristiansand, Norway, for 26 years. He is also an Associate Professor at Agder University, Grimstad, Norway.

He served on ACI's Board of Direction from 1999-2001 and also served as Chair of the ACI International Activities Committee; the Internet Advisory Committee; and ACI Committee 234, Silica Fume. Fidjestøl currently serves on numerous ACI Committees, including the International Partnerships & Publications Committee; the Membership Committee; and ACI Committees 130, Sustainability of Concrete;

201, Durability of Concrete; 232, Fly Ash and Natural Pozzolans in Concrete; 237, Self-Consolidating Concrete; 363, High-Strength Concrete; 365, Service Life Prediction; 506, Shotcreting; and 552, Cementitious Grouting.

He was named an ACI Fellow in 1993 and received the ACI Arthur R. Anderson Medal in 2002 and the ACI Henry C. Turner Medal in 2008. He is a member and Past President of the Norwegian Concrete Association, and a member of the American Society of Civil Engineers (ASCE).

His research interests focus on silica fume, high-performance/high-strength concrete, chloride initiated-corrosion, and particle packing.

Fidjestøl received his MSc from the Norwegian Technical University in 1973.

## Honorary Members

*“for his lifetime achievements and contributions to ACI and the concrete industry; for his contributions as President of the Institute; and for his coordination of the interaction of ACI with PCA, ASTM International, and other institutions”*



**Anthony E. Fiorato** provides consulting services on engineering properties and durability of concrete; on design, construction, performance characteristics, and rehabilitation of concrete structures; and on codes and standards for concrete. He participates actively in technical societies and standards development organizations, and has served in a number of leadership positions in ACI, ASTM International, and other industry organizations.

Fiorato has lectured and published extensively, and his contributions have been recognized through numerous professional awards.

He is currently an active contributor to the development of the ACI 318 Building Code, and ASTM International materials and testing standards for cement and concrete. He has previously served as Executive Director of the Slag Cement Association (SCA); President and CEO of CTLGroup, an engineering, testing, and research firm; and Vice President of Research and Technical Services for the Portland Cement Association (PCA). He is a licensed structural engineer in Illinois and a licensed professional engineer in Michigan and Ohio.

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

## Honorary Members

*“for his lifelong contributions to the advancement of concrete construction through teaching, research, writing, and speaking and for his leadership at ACI”*



**Ward R. Malisch**, FACI, has been an ACI member for 50 years. He is currently Concrete Construction Specialist for the American Society of Concrete Contractors (ASCC). Prior positions include ASCC Technical Director, ACI Director of Engineering, and ACI Senior Managing Director. Previous positions also include Director of Information Services for the Portland Cement Association (PCA), Editorial Director of *Concrete Construction* magazine, Quality Control Engineer for a concrete contractor, Manager of an engineering testing laboratory, and teaching/research in civil engineering at the University of Illinois-Urbana,

University of Missouri-Rolla, and the University of Wisconsin-Platteville.

He is a member of ACI Committees 301, Specifications for Concrete, and C640, Craftsman Certification; a past member and Chair of ACI Committee E701, Materials for Concrete Construction; and a past member of ACI Committees 302, Construction of Concrete Floors; 329, Performance Criteria for Ready Mixed Concrete; and E707, Specification Education. He has also served on the ACI Board of Direction, Financial Advisory Committee, Publications Committee, and as Secretary of the Technical Activities Committee.

Malisch received the ACI Arthur R. Anderson Medal in 2010 and the ACI Construction Award in 2011 as coauthor of a *Concrete International* article investigating tolerance issues related to post-tensioning elevated slabs.

He was principal author of the original ACI E701 publication “Aggregates for Concrete,” and coauthor of *Tolerances for Cast-in-Place Concrete Buildings*, published by ASCC. He has also authored or coauthored more than 200 articles and reports on construction-related subjects. He is currently the principal investigator for a project developing a “Users’ Guide to ‘Green’ Concrete in Building Construction” funded by the Charles Pankow Foundation.

Malisch is a member of ASTM International and the American Society of Civil Engineers (ASCE). He received his BS, MS, and PhD from the University of Illinois, Urbana, IL, in 1961, 1963, and 1966, respectively.



# 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.*



**Stuart C. Anderson**



**Yukio Aoyagi**



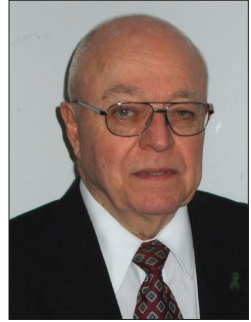
**Joseph F. Artuso**



**Robert S. Barneyback Jr.**



**David Beal**



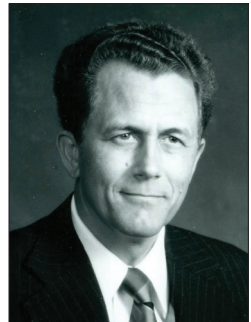
**Robert D. Botkin**



**Gerasimos Criticos**



**Oscar M. Gonzalez Cuevas**



**Earl G. Cutler**

## 50-Year Membership Citations



**Robert M. Darvas**



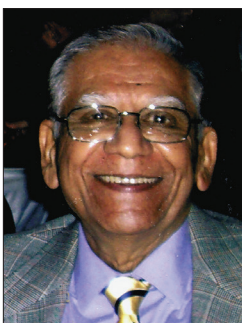
**E. A. Jack Gale**



**Jacob S. Grossman**  
(deceased)



**Eugene Harbour**



**Krishan (Kris) K. Jain**



**Sun Yong Kim**



**Douglas Dongwoo Lee**



**James Lefter**



**Ward R. Malisch**

# 50-Year Membership Citations



**James E. McDonald**



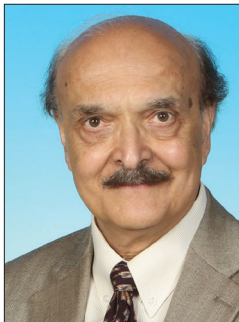
**Clyde C. Moore**



**Shigeyoshi Nagataki**



**Hajime Okamura**



**Surendra P. Shah**



**William R. Thompson**



**Jairo Uribe**

## NOT PICTURED:

**Arthur L. Andrew  
Thomas W. Brockenbrough  
M. Z. Cohn  
Jayant P. Desai  
Robert G. Drysdale  
Jose M. Espinal-Vazquez  
D. Stanton Korista**

**Donald R. Logan  
Roger R. Nicolet  
Thomas J. Pasko Jr.  
Donald R. Schultz  
G. M. Singhvi  
William Aurand Stuart II  
Keith C. Thornton**

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





## Fellows



**Corina-Maria Aldea** is a Senior Associate Materials Engineer at AMEC, Hamilton, ON, Canada, where she has worked since 2006.

She is Chair of ACI Subcommittee 544-F, FRC-Durability. She is a member of ACI Committees 233, Ground Slag in Concrete; 544, Fiber-Reinforced Concrete; and 549, Thin Reinforced Cementitious Products and Ferrocement. She is also a member of ACI Subcommittees 544-A, FRC-Production and Applications, and 544-C, FRC-Testing, and ACI Committee E701, Materials for Concrete

Construction. She has served ACI as Session Organizer and Chair, Presenter, Editor of Special Publications, and as a leader of several ACI task group efforts. She has also served as Session Chair at national and international conferences. She has edited and coedited seven ACI Special Publications, and has authored and coauthored reports and over 60 technical papers. She was awarded one United States and one European patent.

Her areas of expertise and research include materials engineering, cement-based composites technology, and exploratory work involving new materials. In the area of materials engineering, she has conducted projects related to the durability of advanced cement-based composites, fiber-reinforced cement-based composites, textile reinforcement, use of supplementary cementitious materials for various applications, and backfill materials engineering for mining projects.

Aldea received her BS and MS in hydraulic structures and her PhD in civil engineering from The Technical University of Civil Engineering Bucharest, Romania, in 1985 and 1996, respectively. She is a licensed professional engineer in Ontario, Canada.



**Kim D. Basham** is President of KB Engineering, LLC, Cheyenne, WY. He specializes in structural analysis and concrete design, mixture designs, formwork, shoring and reshoring, concrete forensic investigations, structural evaluations and surveys, nondestructive testing, and concrete repair.

He is a member of ACI Committees 302, Construction of Concrete Floors; 306, Cold Weather Concreting; and 347, Formwork for Concrete. He is a Trainer and Examiner for the following ACI Certification Programs: Concrete

Field Testing Technician Grade I, Concrete Flatwork Technician and Flatwork Finisher, Concrete Strength Testing Technician, and Aggregate Testing Technician Level 1. Basham is a faculty member for ACI's Troubleshooting

# Fellows

Concrete Construction and Troubleshooting Forming and Shoring 1-day seminars. He received the ACI Speaker of the Year Award in 2009. He is also a member of the American Society of Civil Engineers (ASCE) and American Society of Concrete Contractors (ASCC). He has taught structural analysis, concrete and masonry design, and concrete material courses at Virginia Military Institute, Lexington, VA; the University of Wyoming, Laramie, WY; and the University of Colorado, Denver, CO. He has authored over 100 publications and routinely teaches concrete-related seminars and short courses to architects, engineers, and contractors.

His research interests include concrete technology, silica fume bridge deck overlays, concrete shrinkage, and cracking.

Basham received his BS and MS in civil engineering (structures) from Virginia Polytechnic Institute and State University, Blacksburg, VA, in 1975 and 1982, respectively. He received his PhD in civil engineering (structures) in 1989 from the University of Wyoming, Laramie, WY. He is a licensed professional engineer in Arizona, Colorado, Massachusetts, Montana, Ohio, Utah (SE), South Dakota, Texas, Washington, and Wyoming.



**David T. Biggs** is a Principal of Biggs Consulting Engineering, Troy, NY, and also serves as a consultant to several universities in the United States and overseas. He specializes in structural and forensic engineering, masonry design, and historic restoration. He lectures internationally, is involved with research projects, publishes on concrete masonry, and provides consulting services for the construction industry and for the development of new masonry products.

He is a member of ACI Committee 530, Masonry Standards Joint Committee (TMS 402/ACI 530/ASCE 5 Building Code Requirements for Masonry Structures), and is Chair of ACI Subcommittee 530-R, Reinforcement and Connectors. He is also a member of ACI Subcommittees 440-M, FRP-Repair of Masonry Structures, and 530-I, Infills. He is a Past Chair of ACI Subcommittee 530-P, Prestressed Masonry.

His current research interests include prestressed masonry, hybrid shear walls, and historic construction.

He is also a Distinguished Member of the American Society of Civil Engineers (ASCE) and a member of ASTM International. He received his BS and ME in civil engineering from Rensselaer Polytechnic Institute, Troy, NY, in 1972 and 1973, respectively.



## Fellows



**Karl Philip Brandt** is Vice President of the National Business Development Group for The Euclid Chemical Company, Cleveland, OH, which provides technical presentations and specification services to the design community. A 30-year veteran of the construction industry, his experience includes quality control of ready mixed concrete, commercial construction (field engineering and quality control of concrete), material sales, technical services, and concrete repair.

Brandt became a member of ACI in 1985. He provided leadership and guidance for 2-1/2 years as the first President of the ACI Central Texas Chapter and received the Chapter's Outstanding Service Award in 1987 in recognition of "untiring efforts on behalf of the concrete industry and unselfish service to this society and community." Brandt also participated and proctored in several certification programs for ACI while living in Austin, TX. Brandt previously co-chaired an ACI technical session, "High-Performance Concrete in Hot Weather," and is the current Secretary of ACI Committee 360, Design of Slabs on Ground; a member of ACI Committee 546, Repair of Concrete; and Past Chair of ACI Committee 305, Hot Weather Concreting, during which time the committee produced the very first ACI specification for hot weather concreting.

He received his construction engineering degree from Pellissippi State, Knoxville, TN, in 1980, and attended Harvard Executive Business School for "Young Potentials."



**Bruce W. Carter** retired in 2012 from Lehigh Hanson, San Ramon, CA, where he served as the Director of Quality Control/Quality Assurance for the West Region for 19 years. During his 43-year career in the construction materials industry, he has written numerous technical papers and reports; served as a leader in regional and national technical committees and allied industry groups; served as a guest lecturer at universities; and is widely recognized in the cement, aggregate, and concrete industries.

Carter received the Sam Burks Award from the ACI Northern California/Western Nevada Chapter in recognition of his distinguished service to the Chapter and the concrete industry. He is a member of ASTM Committees C01, C09, and D04.

His research interests include the evaluation of sulfate resistance, alkali-silica reactivity, and the performance of slag and pozzolan mixtures.

He received his BS in civil engineering from California State Polytechnic University, Pomona, CA, in 1969. He is a licensed professional engineer in California and Nevada.

# Fellows



**James N. Cornell II** is a General Superintendent for HC Beck, a design-build contractor based in Dallas, TX. He has been constructing buildings for 35 years. He teaches technical sessions on specifications, project management, and construction supervision.

Cornell is Chair of ACI Committee 301, Specifications for Concrete. He is also a member of ACI Committees 305, Hot Weather Concreting; 308, Curing Concrete; 347, Formwork for Concrete; E707, Specification Education; and TAC Construction Standards Committee. He has served on the Publications Committee and as Subcommittee Chair for the initial publication of the Curing Specification. He is also a member of the American Society of Civil Engineers (ASCE).

He received his BS in civil engineering from Texas A&M University, College Station, TX, in 1977. He is a licensed professional engineer in Texas and is a LEED Accredited Professional.



**Peter A. Craig** is a Concrete Floor Specialist with the firm Concrete Constructives, Greene, ME.

Craig served as 1996 National President of the International Concrete Repair Institute (ICRI) and received ICRI Fellowship in 2000. He is a member of ACI Committee 302, Construction of Concrete Floors, and serves as current subcommittee Chair for the revision of ACI 302.2R, “Guide for Concrete Slabs that Receive Moisture-Sensitive Flooring Materials.” Craig has been a faculty member for the ACI Concrete Slab Construction seminar series and is currently a subcommittee Chair and a lead instructor for the ICRI Moisture Testing Certification Program. He is also a member of ASTM International, the Construction Specification Institute (CSI), and the American Society of Concrete Contractors (ASCC). He has authored or coauthored over 25 nationally published articles and has been a guest presenter at over 100 technical meetings and conferences. In 2012, he was named one of the five most influential people in the concrete industry by *Concrete Construction* magazine.

# Fellows



**Jeff Dragovich** is an Independent Structural Engineering Consultant in Shoreline, WA, with over 18 years of experience in industry, academia, and federal service.

He is Chair of ACI Committee 374, Performance-Based Seismic Design of Concrete Buildings, and a member of Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures, and ACI Committee 369, Seismic Repair and Rehabilitation. He is also a member of ACI Subcommittee 318-H, Building Code-Seismic Provisions, and a past member of ACI Committee 375, Performance-Based Design of Concrete Buildings for Wind Loads, and the Publications Committee. He is also a member of the American Society of Civil Engineers (ASCE).

His research and professional interests include earthquake engineering, nonlinear analysis, and software development.

Dragovich received his BS in civil engineering from Seattle University, Seattle, WA, in 1988, and his MS and PhD in civil engineering from the University of Illinois at Urbana-Champaign, Champaign, IL, in 1990 and 1996, respectively. He is a licensed professional engineer in California and Washington, and a licensed structural engineer in California, Illinois, Massachusetts, and Washington.



**Ashish Dubey** is a Senior Research Associate at the USG Corporate Innovation Center, Libertyville, IL.

He is a Past Chair of ACI Committee 549, Thin Reinforced Cementitious Products and Ferrocement. Dubey is also a member of ACI Committees 130, Sustainability of Concrete; 223, Shrinkage Compensating Concrete; 232, Fly Ash and Natural Pozzolans in Concrete; 237, Self-Consolidating Concrete; 239, Ultra-High Performance Concrete; and 544, Fiber-Reinforced Concrete. He is also an active member of ASTM International and

the International Concrete Repair Institute (ICRI). He is the Secretary of ASTM Committee C17, Fiber-Reinforced Cement Products, and a member of ASTM Committees C01, Cement; C09, Concrete and Concrete Aggregates; C27, Precast Concrete Products; and E60, Sustainability.

Over the past 25 years, Dubey has conducted significant research and development work in the area of special cements and concretes, including fiber-reinforced concrete, lightweight concrete, ultra-high-performance concrete, polymer-modified concrete, rapid-setting cements, and advanced geopolymer binders. His scientific endeavors have led to development and commercialization of several novel

## Fellows

cement-based materials and products for construction applications. He is presently an author of more than 30 patents on advanced cement-based materials and composites.

He received his BE in civil engineering from Devi Ahilya University, Indore, India, in 1988, and his MAsc and PhD in civil engineering from the University of British Columbia, Vancouver, BC, Canada, in 1993 and 1999, respectively.



**David A. Fanella** is a Principal and Vice President at Klein and Hoffman, Inc., a consulting structural engineering firm in Chicago, IL. He has over 25 years of experience in the design of a wide variety of low-, mid-, and high-rise buildings and other structures.

Fanella has authored numerous technical publications and recently authored a textbook on reinforced concrete design for McGraw Hill. He 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 a Fellow of the American Society of Civil Engineers (ASCE) and serves as an Associate Member of ASCE Committee 7, Minimum Design Loads for Buildings and Other Structures.

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. He is a licensed structural and professional engineer in Illinois and is a licensed professional engineer in many other states.



**Lisa R. Feldman** is an Associate Professor of civil and geological engineering at the University of Saskatchewan, Saskatoon, SK, Canada. She has 9 years of experience as a structural engineering consultant in addition to her academic experience.

Feldman currently serves as Chair of Joint ACI-ASCE Committee 408, Development and Splicing of Deformed Bars; is a member and Secretary of ACI Subcommittee 318-R, Structural Concrete Building Code-Reorganization; a member of the Student and Young Professional Activities Committee (SYPAC); and a member of ACI Committee 342, Evaluation of Concrete Bridges and Bridge Elements. She received an ACI Student Fellowship for the 2005-2006 academic year.

# Fellows

Her research interests include the mechanics and behavior of reinforced concrete and masonry elements and structures; and structural evaluation, rehabilitation, and service-life prediction.

Feldman received her BAsC in civil engineering from the University of Waterloo, Waterloo, ON, Canada, in 1992; her MS in civil engineering from the University of Texas at Austin, Austin, TX, in 1993; and her PhD in civil engineering from the University of Western Ontario, London, ON, Canada, in 2006. She is a licensed professional engineer in Saskatchewan and Alberta, Canada.



**Donato Figueroa-Gallo** is Manager of the Education Department of the Instituto Mexicano del Cemento y del Concreto (IMCYC). He was Technical Director of *IMCYC* magazine and Researcher in Construction from 1983 to 1991 and Technical Advisor in the Concrete Structures Department from 1993 to 2001. He is also an Asignature Professor of the Speciality in Construction at the Universidad Nacional Autónoma de México (UNAM).

He has been working in education, publications, and technical activities related to concrete for 30 years. In Mexico, from 2001 to 2012, he organized more than 400 courses, seminars, and certification programs related to the concrete industry on topics such as concrete technology, industrial concrete floors, building codes, concrete standards, new applications of concrete construction methods, and the design and construction of concrete pavements. In Mexico City, he also helped organize the World of Concrete Mexico technical programs from 2004 to 2007.

Figueroa-Gallo is a member of the ACI International Certification Committee; the ACI International Partnerships & Publications Committee; and ACI Committee 327, Roller-Compacted Concrete Pavements. He is also a member of ASTM International. He received the Gabino Barreda Medal from UNAM in 1990 and El Registro from IMCYC in 1996.

He received his BS in civil engineering and his MS in construction from UNAM, Mexico City, in 1980 and 1988, respectively. He received his postgraduate diploma from the Escuela Técnica Superior de Ingenieros de Caminos, Canales y Puertos de la Universidad Politécnica de Madrid, Spain, in 1990. He is a licensed professional engineer in Mexico and Mexico City.



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**John C. Glumb** is Senior Managing Director, Operations, for the American Concrete Institute. He is also Publisher of *Concrete International* magazine, and has been an employee of ACI since 1997.

He has served as Staff Liaison to a number of ACI Board committees and Task Groups, including Internet Advisory, Publications, International, and Strategic Plan.

Glumb received his BS in business administration from Lawrence Technological University, Southfield, MI, in 1986, and his MS in human resources and organizational development from Eastern Michigan University, Ypsilanti, MI, in 1996.



**Man-Yop Han** is a Professor in the Department of Civil Engineering at Ajou University, Suwon, Korea, and a Vice President of the Korea Concrete Institute (KCI). He also serves in the Asian Concrete Federation.

He is a member of Joint ACI-ASCE Committee 343, Concrete Bridge Design. He has received numerous honors and awards, including the Best Technical Achievement Award from KCI in 2000, and the Best Engineering Article Award from the Korean Society of Civil Engineers in 2002. Han is a member of many

professional societies, including the American Society of Civil Engineers (ASCE), the Precast/Prestressed Concrete Institute (PCI), and several governmental organizations in Korea. He has authored or coauthored over 40 technical papers, 140 conference presentations, and 80 research reports. Han holds 110 patents.

He received his BS and MS from Seoul National University, Seoul, Korea, in 1980 and 1982, respectively, and his PhD from Texas A&M University, College Station, TX, in 1988.



**Bernard H. Hertlein** is a Principal Scientist at AECOM Technical Services, Inc., in Vernon Hills, IL, where he has worked for 21 years.

He is an active member of ACI and is presently Secretary of ACI Committees 228, Nondestructive Testing of Concrete, and 336, Footings, Mats, and Drilled Piers. He is also a member of ACI Committee 363, High-Strength Concrete. He is a member of the American Society of Civil Engineers (ASCE) and served as Principal Technical Editor of the ASCE Manual on Chimney and Stack



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Examination and Retrofit. He is also a member ASTM International and has just completed a 10-year term as Chair of ASTM Subcommittee C09-64, Nondestructive Testing of Concrete. He was the recipient of the International Association of Foundation Drilling (ADSC-IAFD) Outstanding Service Award in 2009 for his contributions to the deep foundations industry. He was also principal author of the book *Nondestructive Testing of Deep Foundations*, and has authored or coauthored more than 50 technical papers, reports, and presentations on nondestructive testing of concrete structures and deep foundations.

He received the equivalent of a BS degree in electrical and mechanical engineering from Farnborough Technical College in Farnborough, UK, in 1970, and later pursued additional studies in civil engineering with a subsidiary of the Centre Expérimental de Recherche et d'Études du Bâtiment et des Travaux Publics (CEBTP), St. Remy, France, where he was directly involved in the development and application of several nondestructive test methods for concrete and deep foundations, including cross-hole sonic logging and the impulse-response method.



**Wen-Chen Jau** is a Professor in the Department of Civil Engineering at National Chiao-Tung University, Hsinchu, Taiwan, ROC.

He has chaired Committees of Concrete, Cement, Pavement, and Construction Steel of the Chinese National Standards (CNS) of Taiwan, ROC, for 20 years, where he also serves as a member of the review panel for CNS. He received the Chinese National Lifetime Achievement on Standards from the central government of ROC. Jau has been a member of the editorial board of the RC Building

Design Code for more than 20 years. In addition, he is a member of ACI Committees 237, Self-Consolidating Concrete; 440, Fiber-Reinforced Polymer Reinforcement; and 555, Concrete with Recycled Materials. He is also a past member of ACI Committee 363, High-Strength Concrete. He is currently Vice President and will be President of the ACI Taiwan Chapter in 2013. He helped launch ACI strength and AAI certification programs in Taiwan in 2012. He is also a member of the American Society of Civil Engineers (ASCE) and ASTM International. In addition, he holds many patents in Taiwan, ROC, the United States, China, and Hong Kong in cutting-edge technology of concrete, such as self-curing concrete, underwater SCC, and concrete rheometry. He has also authored or coauthored over 100 technical papers and reports.

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Jau's research interests include high-performance/high-strength concrete, self-consolidating concrete, self-curing concrete, sustainability, fiber-reinforced polymer, fire engineering, structural health monitoring, and building information modeling.

He received his BS in civil engineering from National Taiwan University in 1977, and his MS and PhD from Cornell University, Ithaca, NY, in 1982 and 1986, respectively.



**Shih-Tang Lin** is the Founder of Phoenix Material Co., Ltd., Nan Shing Cementitious Materials Research and Testing Laboratory, and Vice President of Nan Shing Company, which has created and developed the packaged dry cementitious materials for construction industries in Taiwan since 1980. He is also an Adjunct Assistant Professor in the School of Engineering at Tatung University, Taipei, Taiwan, ROC.

Lin was a Founding Member and has served on the Board of Directors of the Taiwan Concrete Institute (TCI) (2006-2012), and has been the Chair of the TCI Technical Committee on Dry-Mixed Mortar since 2007. He is a member of the Review Committee on the Chinese National Standard on Cementitious Products, Bureau of Standards, Ministry of Economic Affairs, Taiwan, ROC. Lin is also a member of RILEM and the Japan Concrete Institute (JCI). An ACI member since 1992, Lin has served as Secretary (2008-2010) and President of the ACI Taiwan Chapter (2011-2012). He is a member of ACI Committees 236, Material Science of Concrete, and 524, Plastering. He has been recognized for his service as President of the ACI Taiwan Chapter, fostering the relationship between ACI and TCI through educational and certification programs.

Lin's research interests include the properties of concrete at early age and polymer cementitious mortar. He has conducted research in the area of polymer cement mortar and concrete, including the investigation of early-age shrinkage cracking, durability, and test methods. He has also promoted excellence in the use of polymers in the prepackaged dry-mixed mortar industry.

Lin received his BS in architecture from Tunghai University, Taiwan, in 1976; his MBA from the University of Rochester, Rochester, NY, in 1980; and his PhD in materials engineering from National Taiwan Ocean University, Taiwan, ROC, in 2010.

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**Hesham Marzouk** is a Professor of civil engineering at Ryerson University, Toronto, ON, Canada. He is the Past Chair of the Civil Engineering departments at Ryerson University and the Memorial University of Newfoundland, NL, Canada. Marzouk provided considerable academic, administrative, and engineering experience and strong dedicated academic leadership to both Civil Engineering departments. He is a member of ACI Committees 209, Creep and Shrinkage in Concrete, and 213, Lightweight Aggregates and Concrete. He has published over 260

professional and scientific articles—80 of them in major refereed research journals in his field.

Marzouk's research has advanced the state of the art in the areas of concrete structural behavior to punching, bond, direct tension, creep, and size effect of high-strength concrete. He has contributed to the quality of ACI's publications for over 40 years (1972-2012) as an author, reviewer, and member of ACI. He is a Fellow of the Canadian Society for Civil Engineers. In 2001, he received the Association of Professional Engineers of Newfoundland and Geosciences Teaching Excellence Award.

He received his BSc from Cairo University, Giza, Egypt, in 1972, and his MSc and PhD from the University of Saskatchewan, Saskatoon, SK, Canada, in 1976 and 1979, respectively. Marzouk is an active member of the Canadian Standard Association for offshore structures and is the current Vice-Chair of the Canadian Concrete Offshore Code S474.



**Warren E. McPherson** is the Great Lakes Regional Manager for The Euclid Chemical Co. He has been actively involved in the design, manufacture, and finishing of concrete for over 35 years.

He is a Past President of the ACI Greater Michigan Chapter and was the Publicity Chairman for the chapter when it hosted the ACI Convention in Detroit, MI, in 2002. McPherson is a member of ACI Committees 211, Proportioning Concrete Mixtures; 237, Self-Consolidating Concrete; 302, Construction of Concrete Floors; 332,

Residential Concrete Work; and C640, Craftsman Certification. He was instrumental in forming the ACI Arkansas Chapter in 1985, and has been an Instructor and Examiner for ACI's Flatwork Certification Program since 1990. He was the recipient of the ACI Greater Michigan Chapter Arthur Y. Moy Award in 2001 "for outstanding service in the field of concrete technology." McPherson has published in both *Concrete Construction* and *Concrete International* magazines. His most

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recent article, “Challenge of Design and Constructibility,” was a feature article in the October 2012 issue of *Concrete International*.

He received his BS in mathematics with a minor in chemistry from Southeast Missouri State University, Cape Girardeau, MO, in 1970.



**Fred Meyer** is an Associate Professor and the Civil Engineering Division Director in the Department of Civil and Mechanical Engineering at the United States Military Academy (USMA), West Point, NY. He has over 28 years of service as an Officer in the United States Army Corps of Engineers, and has been a member of the USMA faculty for over 10 years and the Civil Engineering Division Director for over 6 years.

Meyer currently serves as Chair of ACI Committee S802, Teaching Methods and Educational Materials, and is a member of ACI Committees 213, Lightweight Aggregate and Concrete; 239, Ultra-High Performance Concrete; and ACI Subcommittee 318-A, General Concrete and Construction. He is also a member of the American Society of Civil Engineers (ASCE).

He has conducted extensive research in the areas of lightweight concrete and ultra-high-performance concrete and has published numerous papers on the topics.

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



**Robert E. Neal** is a Technical Services Engineer with Lehigh Cement Company, residing in Richmond, VA. He has served in this position for 36 years.

Currently, he is Chair of ACI Subcommittee 232-A, Fly Ash-Use of Natural Pozzolans, and a member of ACI Committees 201, Durability of Concrete, and 232, Fly Ash and Natural Pozzolans. He is a past member of ACI Committee 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete, and was a member and former Chair of the ACI Certification Programs Committee.

His research interests include concrete durability, pozzolan technology, and concrete microscopy.

Neal received his Bachelor of Engineering Technology degree in civil engineering from Georgia Southern College, Statesboro, GA, in 1976.

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**Joseph F. Neuber Jr.** has been involved in the concrete construction industry for over 37 years. He is founder of the Neuber Group of Companies, comprised of J.F. Neuber Jr. General Contractors, Inc. (Neuber Concrete); JMT Testing; Precision Laser Services; Neuber Environmental Services; and a consulting firm, Neuber & Associates. Neuber Concrete has won numerous “Golden Trowel Awards” in recognition of “excellence in the construction of flat & level concrete floors.” Neuber has received recognition for “outstanding leadership in the advancement of concrete floor technology” from Allen Face & Co. and was named one of the five “Most Influential People in the Concrete Industry” by *Concrete Construction* magazine in 2010. He is the author of numerous articles published in *Concrete Construction*, *Concrete Producer*, and *Concrete International* magazines. Neuber has conducted numerous seminars at World of Concrete on “Proper Planning for Construction of Slab-on-Grade.” He has presented seminars to industry groups, local ACI chapters, engineers, and architects on current slab-on-ground design and construction and was an Associate Speaker at the Concrete Institute of Australia in Melbourne on “State of the Art Slab-on-Grade Design and Construction Practices in the USA.”

Neuber is the current Chair of ACI Committee 302, Construction of Concrete Floors, and a member of ACI Committee 360, Design of Slabs on Ground, and ACI Subcommittee 301-G, Shrinkage Compensating Concrete and Industrial Floors. In addition, he is considered the developer of the state-of-the-art “Pre-Slab Construction Meeting.” Neuber holds numerous patents.



**Giovanni A. Plizzari** has been a Full Professor of Structural Design at the University of Brescia, Brescia, Italy, since 2001, where he is currently Chairman of the Department of Civil Engineering, Architecture, Landscape, Environment and Mathematics (DICATAM). He made full professorship at the University of Bergamo (Italy) in 1991. Plizzari is currently President of the College of Engineering’s technical building (CTE), an Italian cultural association that aims to promote dissemination of the culture of high-quality construction, and Associate Editor of the international journal *Materials and Structures*.

Plizzari is currently a member of ACI Committee 544, Fiber-Reinforced Concrete, and *fib* Committees 4.5, Bond in Concrete, and 8.3, Fiber Reinforced Concrete. He is also a member of the American Society of Civil Engineers (ASCE).



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The author of about 220 articles published in journals and conference proceedings, his research activities mainly deal with the development of innovative cementitious materials for new applications and for strengthening of existing structures.

He received his MS in civil engineering from Milan University of Technology, Italy, in 1985, and his PhD from the University of Brescia, Italy, in 1990.

He is a licensed professional engineer in the Province of Cremona, Italy.



**Carin Roberts-Wollmann** is a Professor in the Department of Civil and Environmental Engineering at Virginia Tech, Blacksburg, VA. She has been at Virginia Tech for over 13 years, and prior to that worked over 10 years for concrete bridge design and construction firms.

She is Chair of Joint ACI-ASCE Committee 423, Prestressed Concrete, serving as Secretary for 6 years prior. Additionally, she serves as Co-Chair of ACI Subcommittee 423-E, Prestress Losses, and is a member of ACI Committees 239, Ultra-High Performance Concrete, and 318-G, Precast and Prestressed Concrete. Roberts-Wollmann is also a member of ACI Committees 209, Creep and Shrinkage; 440, Fiber-Reinforced Polymer Reinforcement; and Joint ACI-ASCE Committee 445, Shear and Torsion. She is a past member of the Publications Committee and the Committee on Awards for Papers.

She is a member and Fellow of the Precast/Prestressed Concrete Institute (PCI). Her research interests are in applications of innovative materials and construction processes to improve the performance, durability, and constructibility of reinforced and prestressed concrete bridges.

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



**Khaled Soudki** is a Professor and Canada Research Chair in Innovative Structural Rehabilitation in the Department of Civil and Environmental Engineering at the University of Waterloo, Waterloo, ON, Canada, where he has been for 17 years. He has authored or coauthored over 300 technical papers and reports.

He was named in Canada's Who's Who in 2009 and received the Early Researcher's Award in 2005 and the Waterloo Distinguished Performance Award in 2005 from the University of Waterloo.



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Soudki is the faculty advisor of the ACI Waterloo Student Chapter, and currently serves as a member of ACI Committees 215, Fatigue of Concrete; 222, Corrosion of Metals in Concrete; 546, Repair of Concrete; and 548, Polymers and Adhesives for Concrete. He previously served as Co-Chair of ACI Subcommittee 440-F, Repair-Strengthening, and Secretary of ACI Committee 440, Fiber-Reinforced Polymer Reinforcement.

His research interests include the use of fiber-reinforced polymers for rehabilitation of structures and prestressed concrete applications. He received his BEng in civil engineering from the American University of Beirut, Beirut, Lebanon, in 1987; his MASc in civil engineering from Cornell University, Ithaca, NY, in 1989; and his PhD in civil engineering from the University of Manitoba, Winnipeg, MB, Canada, in 1994, respectively. He is a licensed professional engineer in the province of Ontario.



**Richard S. Szecsy** is the President and CEO of the Texas Aggregates and Concrete Association (TACA), Austin, TX, the largest state aggregate and concrete trade association in the United States.

He is a member of ACI Committees 132, Responsibility in Concrete Construction; 301, Specifications for Concrete; and 329, Performance Criteria for Ready Mixed Concrete. He is a member of ASTM International and is the current Chair of C09.40, the governing subcommittee for ASTM C94, “Standard Specification for Ready-Mix Concrete”; and is the Secretary for the Executive Committee of C09. He is an active supporter of the Concrete Industry Management program at Texas State University and a frequent lecturer at several Texas universities.

He received his BS and MS in civil engineering from Texas A&M University, College Station, TX, in 1992 and 1993, respectively; his PhD in civil engineering from the University of Illinois in 1997; and his MBA in management from Our Lady of the Lake University, San Antonio, TX, in 2002. He is a licensed professional engineer in Texas, Oklahoma, Louisiana, Arkansas, and Arizona.

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**Lawrence H. Taber** is a Lead Structural Engineer in the Water Division of the Black & Veatch Corporation, Kansas City, MO. He has been with Black & Veatch since 2001, designing numerous concrete, masonry, and steel structures and buildings primarily on water, wastewater, and hydropower facilities. He is also involved with condition assessments, construction phase services, and structural inspections.

Taber previously received the ACI Chapter Activities Award in 2012, the ACI Young Member Award for Professional Achievement in 2007, and the ACI Missouri Chapter Person of the Year Award in 2006. He is a Past President and current member of the ACI Missouri Chapter and currently serves as a Director on the ACI Kansas Chapter's Board of Direction. He is Chair of ACI Subcommittee 308-A, Guide to Curing; Secretary of ACI Committee 308, Curing Concrete; and a member of the Committee on Nominations, the Educational Activities Committee, the Convention Committee, the Young Member Award for Professional Achievement Committee, the Student and Young Professional Activities Committee, and the Task Group on International Constituencies; and ACI Committees 120, History of Concrete; E702, Designing Concrete Structures; and S801, Student Activities, of which he is a Past Chair. He is also a member of ACI Subcommittee 308-B, Curing Specification. He is also Co-Chair of the upcoming ACI Spring 2015 Convention in Kansas City, served as Co-Chair of the relocated Fall 2005 ACI Convention in Kansas City, and was the Co-Chair of the Student Activities Subcommittee for the ACI Fall 2008 Convention in St. Louis.

Taber received his BS in civil engineering in 2000 and his MS in civil engineering in 2001 with an emphasis in structural engineering from the University of Missouri-Rolla, Rolla, MO. He is a licensed professional engineer in Missouri, Texas, Indiana, and Georgia.



**Scott M. Tarr** is a Consulting Engineer and President of North S.Tarr Concrete Consulting, Dover, NH.

He is Chair of ACI Subcommittee 301-G, Shrinkage-Compensating Concrete and Industrial Floor Slabs, and is a member of ACI Committees 301, Specifications for Concrete; 302, Construction of Concrete Floors; 325, Concrete Pavements; 330, Concrete Parking Lots; and 360, Design of Slabs on Ground. In addition to ACI, he is a member of the International Concrete Repair Institute (ICRI), the American Society of Concrete Contractors

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(ASCC), the American Society of Civil Engineers (ASCE), ASTM International, and the American Concrete Pavement Association (ACPA). He is the Director and an Instructor of the ICRI Concrete Slab Moisture Testing Technician Certification Program. He has authored or coauthored numerous technical papers and contract reports and has 50 publications, including the book *Concrete Floors on Ground* published by the Portland Cement Association (PCA), and has presented over 150 seminars at various industry events, including several ACI conventions and a number of ACI chapter meetings.

Tarr received his BS and MS in civil engineering from the University of New Hampshire, Durham, NH, in 1990 and 1993, respectively. He is a licensed professional engineer in multiple states.



**David Trejo** is Professor and Hal D. Pritchett Endowed Chair in the School of Civil and Construction Engineering at Oregon State University, Corvallis, OR. He has been engaged in academics and research for over 20 years and worked in the construction industry for almost 10 years prior to returning to academics.

He is Chair of ACI Committee 222, Corrosion of Metals in Concrete, and is a member of ACI Committees 201, Durability of Concrete; 236, Material Science of Concrete; and 365, Service Life Prediction. He is also a member of the American Society of Civil Engineers (ASCE). Trejo has published over 100 scholarly publications and is active in providing solutions for industry challenges.

His research interests include durability of cementitious materials systems, modeling deterioration mechanisms, economy analysis, and service-life modeling.

He received his BS, MS, and PhD from the University of California, Berkeley, Berkeley, CA, in 1991, 1993, and 1997, respectively. He is a licensed engineer in California and Texas.



**Miroslav F. Vejvoda** is Technical & Certification Director of the Post-Tensioning Institute (PTI), Farmington Hills, MI. He has been involved in design and construction of all kinds of post-tensioned concrete structures since 1980. For over 21 years, he was with major post-tensioning specialty contractors and for a short period of time was active in his own design consulting company. Between 2000 and 2008, he was a staff engineer at ACI, before joining PTI in early 2009. He has been a member of ACI since 1984.

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He serves as Secretary of the PTI Technical Advisory Board, the PTI Special Topics Committee, and as staff member of most PTI committees. He is a member of ACI Committees 301, Specifications for Concrete; 350, Environmental Engineering Concrete Structures; and Joint ACI-ASCE Committee 423, Prestressed Concrete. He is past member of ACI Committees 302, Construction of Concrete Floors; 360, Design of Slabs on Ground (Past Subcommittee Chair); and Joint ACI-ASCE Committee 421, Design of Reinforced Concrete Slabs. He is a Fellow of the American Society of Civil Engineers (ASCE) and was a voting member of ASCE/SEI 7 Seismic Subcommittee in the 2005 cycle.

He received his BS in civil engineering (structural) from The School of Engineering at Burgdorf, Bern, Switzerland, in 1980, and his MBA from the Sheffield Business School at the Sheffield Hallam University, Sheffield, UK, in 1997. He is a licensed professional engineer in California, Texas, Georgia, North Carolina, South Carolina, Alabama, and Mississippi, and a European Engineer (EUR ING) in the European Union.



**Wayne W. Walker** has been the Director of Engineering and a Principal of Structural Services, Inc., Atlanta, GA, since 2002. He has over 30 years of experience in the structural design of commercial, industrial, and military projects in the United States and in many other countries.

He is a Past Chair and member of ACI Committee 360, Design of Slabs on Ground, and a member of ACI Committee 302, Construction of Concrete Floors. Walker has advanced the use of concrete through his publications of over 15 articles, some of which serve as references for the ACI 360 and ACI 302 documents. Many of his projects featured advanced concrete design methods using his innovative analytical computer programs, which have been recognized by seven ACI Georgia Chapter first-place awards and one project receiving a national award. He has been a speaker for the ACI Slab on Ground seminars, along with the ACI Georgia Chapter, the American Society of Concrete Contractors (ASCC), and the American Society of Civil Engineers (ASCE) seminars. In 2007, Walker was recognized by *Concrete Construction* magazine as one of the most influential people in the concrete industry.

He received his BS in civil engineering from Auburn University, Auburn, AL, in 1979, and is a member of several national engineering honor societies. He is also a member of ASCE and is a licensed professional engineer in Georgia.

# Fellows



**Kejin Wang** is a Professor in the Department of Civil, Construction, and Environmental Engineering at Iowa State University, Ames, IA. She joined Iowa State University in 2000.

She is a member of ACI Committees 236, Material Science of Concrete; 237, Self-Consolidating Concrete; 238, Workability of Fresh Concrete; 325, Concrete Pavements; S802, Teaching Materials and Methods; and S803, Faculty Network Coordinator. She is also a member of ACI Subcommittee 236-D, Nanotechnology of Concrete. She

has also served as a member of the Board Advisory Committee on Sustainability Development (2004-2010) and Committee CAP-SC2: Wason Medal for Materials Research (2006-2008). She is also a member of the American Society of Civil Engineers (ASCE) and ASTM International.

Wang's research interests include: cement chemistry and hydration, nano- and green cementitious materials, concrete workability, microstructure and durability, and pervious and self-consolidating concretes. She has edited or co-edited three special publications/proceedings and authored or coauthored over 90 peer-reviewed technical papers and 30 technical reports.

She received her PhD in civil engineering from the University of California at Berkeley, Berkeley, CA, in 1994. She is a licensed professional engineer in Illinois.



**Michael A. Whisonant** is the Director of Technical Services for GCC America, Denver, CO, and has worked for more than 23 years in the construction materials industry.

He is the Chair of ACI Subcommittee 211-E, Evaluation of Ready Mixed Concrete; and a member of ACI Committees 207, Mass Concrete; 211, Proportioning Concrete Mixtures; and 301, Specifications for Concrete. He is also a member of ASTM Committees C01, Cement; C09, Concrete and Aggregates; and E36, Accreditation and Certification; and

ASTM Subcommittees 9.23, Chemical Admixtures; 9.4, Ready Mix Concrete; and 9.64, Nondestructive Testing. He has authored numerous papers and reports and coauthored "Effects of Aggregate Grading on Drying Shrinkage of Florida Aggregates," which appeared in *Concrete International* in 2005.

Whisonant received his BS in industrial engineering from the University of Dayton, Dayton, OH, in 1989, and his ME in industrial and systems engineering from the University of Florida, Gainesville, FL, in 2005. He is a licensed engineer in Arkansas, Arizona, Colorado, Florida, Georgia, and Texas.



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**David Whitmore** is President of Vector Corrosion Technologies, a company that specializes in products and services for corrosion mitigation of steel in concrete structures.

He has been a member of ACI for over 20 years. He is currently Secretary of ACI Committee 546, Repair of Concrete, and a member of ACI Committees 222, Corrosion of Metals in Concrete; 364, Rehabilitation; 546, Repair of Concrete; 548, Polymers and Adhesives for Concrete; and E706, Concrete Repair Education. He is also Past Chair of

ACI Committee E706, Concrete Repair Education. He has authored or coauthored over 40 technical papers and reports.

Whitmore received his engineering degree from the University of Manitoba in 1984, and his MBA degree from the University of Western Ontario in 1986. He is an active member of the International Concrete Repair Institute (ICRI), the National Association of Corrosion Engineers (NACE), and the Canadian Society of Civil Engineers, where he was appointed a Fellow in 2010.



**Andrew Whittaker** is a Professor and Chair in the Department of Civil, Structural, and Environmental Engineering at the University at Buffalo, Buffalo, NY. He serves as the Director of the Multidisciplinary Center for Earthquake Engineering Research (MCEER) headquartered at the University and also on the Advisory Council for the Southern California Earthquake Center.

He is a member of ACI Committee 349, Concrete Nuclear Structures. Whittaker is also a member of the American Society of Civil Engineers (ASCE) and serves

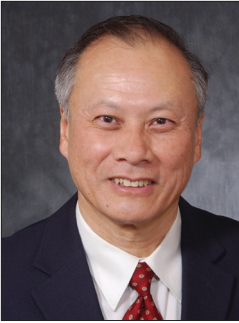
on ASCE Standards Committees 4 and 7, the ASCE Nuclear Standards Committee, and the ASCE Committee for the Blast Protection of Buildings.

Whittaker has authored more than 70 journal articles and more than 240 conference papers and technical reports.

His research interests include low-aspect-ratio reinforced concrete shear walls, steel-concrete composite walls, earthquake engineering, performance-based and risk-informed design, seismic protective systems for buildings and nuclear structures, and blast engineering.

He received his BS in civil engineering from the University of Melbourne, Melbourne, Australia, in 1977, and his MS and PhD in civil engineering from the University of California, Berkeley, Berkeley, CA, in 1985 and 1988, respectively. He is a licensed civil and structural engineer in California.

## Fellows



**Peter T. Yen** has been Principal Engineer in the Geotechnical and Hydraulic Engineering Department at Bechtel Group, San Francisco, CA, for 41 years.

He is Chair of ACI Committee 552, Cementitious Grouting, and a member of ACI Committees 130, Sustainability of Concrete; 229, Controlled Low-Strength Materials; 506, Shotcreting; 522, Pervious Concrete; 523, Cellular Concrete; and ACI Subcommittee 546-C, Repair Guide. He is a past member of ACI Committees 116, Terminology and Notation; 227, Radioactive and Hazardous

Waste Management; and 349, Concrete Nuclear Structures. He planned and moderated six ACI technical sessions and authored, coauthored, or presented over 40 papers, guides, codes, and standards.

Yen's research interests include grouting and ground treatment.

He received his AB degree in geology and physics from the University of California at Berkeley, Berkeley, CA, in 1969. He is a licensed professional geologist in California and a Certified Engineering Geologist in Oregon. He is a member of the American Society of Civil Engineers (ASCE).



# 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 contributions to the advancement of knowledge in the fields of concrete admixtures and corrosion protection of reinforcing steel”*



**Charles K. Nmai** is a civil engineer and the Manager of Engineering Services at BASF Corporation in Cleveland, OH, where he has worked for 26 years. He also played a lead role in the development of a Federal Highway Administration (FHWA) seminar on chemical admixtures and is an Instructor for this seminar and the ACI seminar “Troubleshooting Concrete Construction.”

Nmai is an ACI Fellow and was a member of the ACI Board of Direction (2003-2006) and the ACI Educational Activities Committee (2001-2007). He is a Past Chair and member of ACI Committees 222, Corrosion of Metals in Concrete, and E701, Materials for Concrete Construction. He is also a member of ACI Committees 130, Sustainability of Concrete; 201, Durability of Concrete; and 363, High-Strength Concrete. He also served on the ACI Construction Liaison Committee (CLC), ConREF, and the ACI International Advisory Committee. He received the ACI International Conference Award for Outstanding and Sustained Contributions in the Broad Area of Chemical Admixtures for Use in Concrete in 2009. He is an Honorary Member of ASTM International and a member of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI). With extensive experience in admixtures, high-performance concretes, concrete durability, and troubleshooting, he has authored or coauthored numerous papers and frequently lectures on these subjects.

His research interests include technology transfer activities related to chemical admixtures and self-consolidating concrete (SCC). He spearheaded the development of a comprehensive FHWA seminar on SCC technology to facilitate acceptance and use by state departments of transportation.

He received his BSc from the Kwame Nkrumah University of Science and Technology, PMB Kumasi, Ghana; his MS from the University of Kansas, Lawrence, KS; and his PhD from Purdue University, West Lafayette, IN, in 1980, 1984, and 1987, respectively. He is a licensed engineer in Ohio.

# 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 outstanding contributions to improving concrete construction-related issues through leadership in many ACI committees”*



**Dean A. Browning** is the Project Director of the Charles Pankow Foundation in Vancouver, WA. At the Charles Pankow Foundation, he is responsible for administering 21 active research grants funded by the foundation for immediate and practical use to practitioners in building design and construction. Many of the grants target structural concrete issues needing material testing and analysis to justify significant code changes. Prior to joining the Charles Pankow Foundation in 2011, Browning retired from Charles Pankow Builders, where he worked for 37 years, primarily in the San Francisco, CA, office.

While at Pankow Builders, he started as a Field Engineer and retired as Senior Vice President/Chief Operating Officer, serving in many field and office positions including the management of significant design-build projects.

An ACI Fellow since 2006, Browning is a Past Chair and member of the Hot Topics Committee and a member of the ACI Concrete Research Council; ACI Committee 318, Structural Concrete Building Code; and ACI Subcommittees 318A, General Concrete and Construction, and 318B, Reinforcement and Development. He is a past member of the ACI Educational Activities Committee and ACI Convention Committee. Browning was also a member of the ACI Northern California and Western Nevada Chapter, where he served as President, Board of Direction member, and Co-Chair of the 2004 San Francisco Centennial Convention.

He received his BS and MS in civil engineering from Purdue University, West Lafayette, IN, in 1971 and 1974, respectively. Between earning his degrees, he worked for the Indiana Highway Department as a Highway Engineer at the Research and Training Center in West Lafayette, IN, studying the impact of research projects funded by state and federal programs.

# 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 outstanding contributions to the concrete industry in education and research, especially in the area of concrete durability, and for his leadership and contributions to the American Concrete Institute’s technical, research, and educational committees”*



**Paul J. Tikalsky** is the new Dean for the College of Engineering, Architecture and Technology at Oklahoma State University (OSU), Stillwater, OK. With a background in civil engineering, he holds a tenured appointment as Professor in the Department of Civil and Environmental Engineering and a faculty appointment in the School of Materials Science and Engineering at OSU.

Tikalsky is an ACI and American Society of Civil Engineers (ASCE) Fellow. He has received numerous awards, including Utah Engineering Educator of the Year, and is a trained ABET Program Evaluator. He

was recognized for Best Paper/Presentation at the 2011 International Conference on Durability of Building Materials and Components in Porto, Portugal.

He received his BS in civil and environmental engineering from the University of Wisconsin—Madison, Madison, WI, and his MS and PhD in structural engineering from the University of Texas at Austin, Austin, TX, in 1983, 1986, and 1989, respectively. He is a licensed professional engineer in California.

# Awards

## HENRY L. KENNEDY AWARD

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

*“for his outstanding technical and administrative service to the Institute’s certification programs and his dedicated work as a member of multiple Board-level committees”*



**Thomas Otto Malerk** retired from the Florida Department of Transportation (FDOT) in 2011 after 40 years, where he served as Director of the State Materials Office since 1997. Following his retirement, he became Director of Transportation Engineering with the Florida Concrete and Products Association.

Malerk’s major accomplishments include an expansion of the state’s research program into areas including the performance and sustainability of construction materials, the completion of a new State Materials Research Park, and the first state laboratory to earn ISO/IEC 17025 accreditation.

Since joining ACI in 1985, Malerk has been especially dedicated to promoting the quality of service in the concrete industry through training and certification. He is Chair of ACI Committee E905, Training Programs, and is a member of the ACI Certification Programs Committee; the ACI Educational Activities Committee; the ACI Financial Advisory Committee; and ACI Committees 132, Responsibility in Concrete Construction, and 329, Performance Criteria for Ready Mixed Concrete. He is also a member of several certification subcommittees. His involvement as team leader extends to completed programs on the Board Task Force for Alternate and Innovative Training; Inspector, Field, and Strength Technician training programs and the development of task groups for Adhesive Anchor Installer; Self-Consolidating Concrete; Portland Cement Tester; Nondestructive Testing; and Sustainability Assessor training programs. He is a past member of the ACI Board of Direction; the ACI Marketing Committee; the ACI Hot Topics Committee; the ACI Fellows Nomination Committee; and ACI Committee 301, Specifications for Concrete.

He received a master’s in geotechnical engineering from the University of Florida, Gainesville, FL, in 1971.

# 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.

*“in recognition of his many contributions to furthering the use of reinforced concrete in the design and construction of high-rise structures in many different parts of the world”*



**William F. Baker** is the Partner-in-Charge of Structural Engineering for Skidmore, Owings, & Merrill LLP (SOM), in Chicago, IL, where he has worked for the past 31 years. Under Baker’s direction, SOM was the 2009 recipient of the ACI Charles S. Whitney Medal for engineering development.

Baker is a member of ACI, a Fellow of the American Society of Civil Engineers (ASCE), and a member of the National Academies of Engineering and Construction.

His research interests include a focus on the structural topology of tall buildings based on optimization methods. He frequently lectures on a variety of structural engineering topics in the United States and abroad.

He received his BS in civil engineering from the University of Missouri, Columbia, MO, and his MS in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL, in 1975 and 1980, respectively. He is a licensed engineer in over 40 states.

# Awards

## HENRY C. TURNER MEDAL

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

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

*“for the many contributions to the concrete industry through his work in ACI Committees that have resulted in better concrete for pavements and structures”*



**Colin L. Lobo** is the Senior Vice President at the National Ready Mixed Concrete Association (NRMCA), Silver Spring, MD, where he has worked for 22 years. He manages several certification programs, representation of the ready mixed concrete industry, and industry research programs.

An ACI Fellow, Lobo is Secretary of ACI Committee 329, Performance Criteria for Ready Mixed Concrete; Past Secretary and a member of ACI Committee 301, Specifications for Concrete; and a member of ACI Committees 132, Responsibility in Concrete Construction; 211, Proportioning Concrete Mixtures; 214, Evaluation of Results of Tests Used to Determine the Strength of Concrete; 318, Structural Concrete Building Code; and 329, Performance Criteria for Ready Mixed Concrete. He is also a member of the American Society of Civil Engineers (ASCE) and ASTM International Committees C01, Cement, and C09, Concrete and Aggregates. He is an Honorary Member of ASTM Committee C01, Cement. He received the ASTM International Katharine and Bryant Mather Member Contribution Award in 2006. He has authored several books and technical papers.

His research interests include developing performance-based requirements for concrete and reducing the environmental impact of concrete as a building material.

He received his BE in civil engineering from Mysore University, Manasagangotri, Mysore, India; his MS in civil engineering from Northeastern University, Boston, MA; and his PhD in civil engineering from Purdue University, West Lafayette, IN, in 1984, 1987, and 2001, respectively. He is a licensed professional engineer in Maryland.



# Awards

## CHARLES S. WHITNEY MEDAL

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

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

*“in recognition of their many contributions in the area of designer-friendly software for use in the design of concrete structures”*



Headquartered in Redwood City, CA, **ADAPT Corporation** is a leading provider of software and engineering services for concrete buildings and bridges worldwide. This software offers an integrated solution for the

design of post-tensioned or conventionally reinforced projects, including two-dimensional and three-dimensional multistory modeling approaches. Software, support, and consulting services are built on over 30 years of concrete expertise.

Flagship products include ADAPT-PT & RC for the rapid strip design of concrete floor and beam systems, ADAPT-Builder suite (Floor Pro, MAT and Edge) for the integrated 3-D finite element design of complete concrete buildings, and ADAPT-ABI for the design of segmentally constructed bridges. ADAPT serves clients in over 85 countries through its international offices and network of regional partners.

The company was founded by long-time ACI member Bijan Aalami with the vision of developing practical, design-oriented software for concrete structures.

# Awards

## CEDRIC WILLSON LIGHTWEIGHT AGGREGATE CONCRETE AWARD

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

*“for his lifetime contributions to the technical and practical application of structural lightweight aggregate concrete and his dedication to the development of national codes and standards in that field”*



**George Michael Robinson** is the eastern region Territory Manager and Senior Technical Consultant for the Carolina Stalite Company in Rocky Mount, NC, a position he has held for 26 years.

An ACI Fellow, Robinson is a member of ACI Committees 117, Tolerances; 211, Proportioning Concrete Mixtures; 213, Lightweight Aggregate and Concrete; 301, Specifications for Concrete; and 302, Construction of Concrete Floors. He is a past member of ACI Committee 212, Chemical Admixtures.

His research interests include internal curing with lightweight aggregate.

He received a BA in business management from Eckerd College, St. Petersburg, FL, in 1975.

# 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 supporting, administering, and promoting ACI Certification Programs”*



**Keith Foster** is a Principal Engineer and Project Director with LVM Inc., a division of the Dessau Group of Companies in Toronto, ON, Canada.

An ACI member since 1987, Foster is a member of ACI Committee C610, Field Technician Certification. He is a Past President (1994) of the ACI Atlantic Chapter.

His research interests include high-performance concrete, waterproofing, and tunneling.

Foster received his Bachelor of Civil Engineering degree from the Technical University of Nova Scotia (now Daltech), Halifax, NS, Canada, in 1981. He is a licensed professional engineer in the Canadian provinces

of Ontario, British Columbia, Nova Scotia, and Newfoundland and Labrador.

# Awards

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



**Wally Rooke** has been Principal in W.G. Rooke & Associates Ltd. for 29 years in both Winnipeg, MB, and Calgary, AB, Canada. In addition to providing materials engineering services, he has had a continuing association throughout that time with Face Consultants of Lexington, KY, providing specialized engineering and site services for high tolerance flatwork around the world.

A former chairman of the ACI Manitoba Chapter, he has served for some 20 years as Certification Coordinator in Manitoba, where programs for Concrete Flatwork Finishers and Technicians, Concrete Field Testing Technicians, and Concrete Construction Special Inspectors were developed and staged locally and nationally. He also assisted in introducing the latter two programs throughout the Middle East in the early 1990s.

Throughout this time, Rooke has been the editor of the Canadian version of the training Workbook for ACI Certification of Field Testing Technicians-Grade 1. He has participated in the ACI subcommittee for International Certification since its inception. He received his BSc in civil engineering from the University of Manitoba, Winnipeg, MB, in 1962. He is a registered professional engineer in the provinces of Manitoba, Saskatchewan and Alberta.

## Awards

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



**Bruce A. Suprenant** is President of Concrete Engineering Specialists, headquartered in Charlotte, NC. His career spans 15 years of teaching at Montana State University, the University of Wyoming, the University of South Florida, and the University of Colorado-Boulder and includes engineering practice experience with the Portland Cement Association (PCA) and Baker Concrete Construction.

An ACI Fellow since 1991, Suprenant is a member of ACI Committees 117, Tolerances; 301, Specifications for Concrete; and 302, Construction of Concrete Floors. He is a past member of many ACI committees.

He received the ACI Roger H. Corbetta Concrete Constructor Award and the ACI Construction Award in 2009 and 2011, respectively. He is Chair of the American Society of Concrete Contractors (ASCC) Technical Review Committee and helped develop the ASCC position statements. He is a member of the American Society of Civil Engineers (ASCE), the Precast/Prestressed Concrete Institute (PCI), ASTM International, and the Post-Tensioning Institute (PTI). He has authored or coauthored more than 100 technical papers on concrete construction and was the principal author funded cooperatively by the ACI Strategic Development Council and ASCC to produce ACI 302.2R-06, “Guide for Concrete Slabs that Receive Moisture-Sensitive Flooring Materials.” He also coauthored the ASCC book *Tolerances for Cast-in-Place Concrete Buildings* and drafted revisions for the craftsman workbook for the ACI certification of flatwork finishers.

He received his BS in construction from Bradley University; his MS in civil engineering from the University of Illinois at Urbana-Champaign, Urbana, IL; and his PhD in civil engineering from Montana State University, Bozeman, MT, in 1974, 1975, and 1984, respectively. He is a licensed professional engineer in Colorado, Utah, California, and Florida.

# 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 service on ACI’s technical and certification committees, concrete technology, and contributions in advancing the goals and objectives of the Institute at the local level”*



**Scott R. Cumming** is an Associate with the Construction Materials Division of Levelton Consultants Ltd., a multidisciplinary engineering firm headquartered in Vancouver, BC, Canada, that provides consulting, engineering, and testing services in four core disciplines: construction materials, geotechnical, building science, and energy and environment. He conducts testing for thermal properties of concrete and thermal modeling to optimize construction sequencing for major infrastructure projects throughout the world.

Cumming is Director of the ACI British Columbia Chapter and a member of ACI Committees 228, Nondestructive Testing of Concrete; 506, Shotcreting; and C660, Shotcrete Nozzleman Certification; and ACI Subcommittees 506-C, Shotcreting Guide, and 506-E, Shotcreting-Specification.

His research interests include nondestructive and destructive condition assessments, structural rehabilitation of deteriorated infrastructure, concrete mixture proportioning and optimization, high-performance concretes, shotcrete construction and training, and aggregate qualification and processing.

He received his Bachelor of Applied Science in civil engineering from the University of British Columbia, Vancouver, BC, Canada, and his MS in civil engineering from the University of Florida, Gainesville, FL, in 2002 and 2004, respectively. He is a licensed professional engineer in British Columbia, Canada.



# Awards

*“for contributions to concrete technology, including concrete research, technical publications, presentations in multiple forums, service on ACI technical committees, and leadership in the education of students”*



**John T. Kevern** is an Assistant Professor in the Department of Civil Engineering at the University of Missouri-Kansas City, Kansas City, MO.

Kevern is a member of ACI Committees 120, History of Concrete; 130, Sustainability of Concrete; and 522, Pervious Concrete (and will be the Editor of its next committee document revision). In addition, he helped develop and pilot the ACI Pervious Concrete Cylinder Competition for ACI Committee E801, Student Activities. He is a member of the American Society of Civil Engineers (ASCE) and ASTM International. Kevern received the 2012 ACI Walter P.

Moore, Jr. Faculty Achievement Award and was named one of the top five most influential people in the concrete industry by *Concrete Construction* magazine. He has authored over 70 journal articles, papers, and reports and has been an invited presenter over 100 times at U.S. and international conferences.

His research interests include pervious concrete shoulders for stormwater management, development of new internal curing methods, biomechanical investigation into pavement characteristics, investigating sawing technique on concrete microstructure and joint durability, and water quality improvement using photocatalytic cement.

He received his BS in civil engineering from the University of Wisconsin-Platteville, Platteville, WI, and his MS and PhD in civil engineering from Iowa State University, Ames, IA, in 2004, 2006, and 2008, respectively. He is a licensed professional engineer in Missouri.

## Awards

*“for selflessly volunteering his time mentoring colleagues and students at both the international and chapter levels by inspiring them to strive for success within the concrete industry and his passion for pioneering research in the advancement of concrete”*



**Kyle A. Riding** is an Assistant Professor in the Civil Engineering Department at Kansas State University, Manhattan, KS.

Riding is Secretary of ACI Committee 231, Properties of Concrete at Early Ages, and a member of ACI Committees 201, Durability of Concrete, and 236, Material Science of Concrete, and the American Society of Civil Engineers (ASCE). He received the ACI Wason Medal for Materials Research in 2011.

His research interests include concrete service-life modeling, early-age hydration and property development, and the development of low-cost concrete

materials for housing.

He received his BS in civil and environmental engineering from Brigham Young University, Provo, UT, and his MSE and PhD in civil engineering from the University of Texas at Austin, Austin, TX, in 2002, 2004, and 2007, respectively. He is a licensed professional engineer in Nebraska.

# 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 by members (or if coauthored, at least one author must be an ACI member) and published by the Institute during the volume year for which the medal is awarded are eligible.

*“for guidance on how to develop clear, concise specifications, with specific emphasis on how to best use ACI 301” (“How to Develop Better Project Specifications,” *Concrete International*, June 2011, pp. 41-46)*



**W. Calvin McCall**, FACI, President, Concrete Engineering Consultants, Inc., Charlotte, NC, has authored or coauthored numerous technical papers and reports. He has over 40 years of experience in the concrete industry with a variety of experience in many areas of concrete construction, including portland cement, supplementary cementitious materials, investigating various problems with concrete and concrete construction, and designing high-strength and early-high-strength concrete mixtures. He also has experience with design, construction, and evaluation of concrete slabs as well as nondestructive

testing of concrete structures.

He was named Speaker of the Year in 2002 and continues to serve as a speaker for several of the ACI Educational Seminars. In 2006, he was the recipient of the Delmar L. Bloem Distinguished Achievement Award and in 2009, he received the Henry L. Kennedy award, both of which were presented by the American Concrete Institute. He is Past Chair and current member of ACI Committees 132, Responsibility in Concrete Construction; 301, Specifications for Concrete; 349, Concrete Nuclear Structures; and a past member of the ACI Board of Direction and ACI Committee 318, Structural Concrete Building Code. He is also a current member of the American Society of Civil Engineers (ASCE) and ASTM International.

He has published papers and articles on slabs-on-ground, specifications, precast concrete, teamwork on construction projects, and other concrete-related topics.

McCall received his degree in civil engineering technology from Central Piedmont Community College, Charlotte, NC, in 1977, and became a professional engineer in 1985.

# 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. This award is not restricted to members of the Institute.

*“for implementing a successful quality control program for the construction of the Hoover Dam Bypass” (“Construction of the Hoover Dam Bypass,” Concrete International, February 2011, pp. 30-35)*



**Jeffrey St. John** is currently the Bridge Manager for Walsh-Vinci Construction JV on the East End Crossing Cable-Stay Bridge near Louisville, KY.

St. John was the Engineering Manager and later the Project Manager for Obayahsi/PSM JV, the general contractor of the Mike O’Callaghan-Pat Tillman Memorial Bridge over the Colorado River at Hoover Dam. Previously, he was the Project Manager for the general contractors of the Navajo Bridge in northern Arizona, the Myakka River Bridge in southwest Florida, and the I-270/I-170 Interchange in St. Louis, MO, among other projects.

He is a member of ACI and the American Society of Civil Engineers (ASCE).

A 1988 graduate of Southern Illinois University, Carbondale, IL, with a BS in civil engineering, St. John is a licensed professional engineer in California and Illinois.

# 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. It is restricted to members of the Institute, but if a paper of multiple authorship has one author who is an ACI member, all coauthors become eligible for the award.

*“for investigating the post-peak ductility of high-performance fiber-reinforced cementitious concrete (HPFRCC) under compression” (“Equivalent Confinement in HPFRCC Columns Measured by Triaxial Test,”* *ACI Materials Journal*, January-February 2011, pp. 159-166)



**Alessandro P. Fantilli** is an Assistant Professor in the Department of Structural, Geotechnical, and Building Engineering at Politecnico di Torino, Torino, Italy.

He is a member of RILEM (International Union of Laboratories and Experts in Construction Materials, Systems and Structures). He has authored or coauthored about 100 technical papers published in international journals and conference proceedings.

His research interests include fiber-reinforced concrete, high-performance/high-strength concrete, structural analysis of concrete linings, and sustainability of concrete structures.

He received his MS in civil engineering in 1994 and his PhD in structural engineering in 1999 from Politecnico di Torino. In 2003, he was a Japan Society for the Promotion of Science (JSPS) Postdoctoral Fellow at Tohoku University, Sendai, Japan. He is a licensed professional engineer in Italy and the European Union.



## Awards



**Hirozo Mihashi** is Professor Emeritus at Tohoku University, Sendai, Japan. He has served for 35 years in the Department of Architecture and Building Science as a Research Associate, Associate Professor, and finally Full Professor since 1994. He retired from Tohoku University in 2010 and then served at the Tohoku Institute of Technology, Sendai, Japan, for 2 years, retiring in 2012.

He is a past member of Joint ACI-ASCE Committee 446, Fracture Mechanics of Concrete. He has authored or coauthored over 300 technical papers and reports.

Mihashi's research interests include fracture mechanics of concrete, high-performance fiber-reinforced cement-based composites (HPFRCC), self-healing of concrete and HPFRCC, durability design of concrete structures, and assessment of existing concrete structures.

He received his BS in architectural engineering and his MS and PhD in building science from Tohoku University of Sendai, Japan, in 1970, 1972, and 1976, respectively.



**Paolo Vallini** was an Associate Professor in the Department of Structural, Geotechnical, and Building Engineering at Politecnico di Torino, Torino, Italy. He retired in November 2011.

He has authored or coauthored about 100 technical papers published in international journals and conference proceedings. Vallini's research interests include fiber-reinforced concrete, high-performance/high-strength concrete, structural analysis, and ductility of concrete structures.

He received his MS in civil engineering in 1972 from Politecnico di Torino. Vallini is a licensed professional engineer in Italy and the European Union.

## Awards



**Bernardino M. Chiaia** is a Professor of structural engineering at Politecnico di Torino, Torino, Italy.

He is the author of more than 170 scientific publications on subjects of structural engineering, materials engineering, and fracture mechanics, with 60 papers published in scientific journals. Chiaia has also been an invited or keynote speaker in many international conferences. Since 2005, he has been a member of the “Expert Evaluators Panel” of the European Commission and of the Evaluation Panels of many public and private funding agencies, including the Italian, Greek, and Romanian Ministry of Research

of Economic Development. He has led numerous research projects funded by Italian and international agencies.

His research interests in the field of construction materials include high-performance concrete and fiber-reinforced concrete. In the field of structural engineering, his interests include robustness of structures and seismic engineering.

He received his MS in civil engineering in 1991 from the University of Bari, Bari, Italy, and his PhD in structural engineering from Politecnico di Torino in 1995. In 1996, he spent a postdoctoral period at the Technical University of Delft, Delft, the Netherlands. He is a licensed professional engineer in Italy and the European Union.

# 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. At least one of the recipients must be a member of the Institute. The award need not be presented each year.

*“for investigating the performance of FRP-wrapped square and rectangular columns” (“Strain Development and Hoop Strain Efficiency in FRP-Confining Square Columns,” SP 275-09, March 2011)*



**Jason Barrington** is a Graduate Structural Engineer at Mott MacDonald, based at their head office in London, UK. Working on bridge designs and assessments, his 2-year career to date has focused primarily on concrete structures, including railway bridge inspections and assessments, highways, footbridges, and major airport terminal buildings. Barrington champions Mott MacDonald’s professional excellence and sustainability initiatives within the Bridge group.

As part of his master’s degree work, he undertook research into the behavior of square and rectangular FRP-wrapped concrete columns. From this research, he coauthored a paper that was presented at the 2011 Fiber-Reinforced Polymer Reinforcement for Concrete Structures 10th International Symposium. He is a graduate member of the Institute of Civil Engineers (ICE) and is working toward professional chartership.

Barrington received his MEng in structural engineering with architecture from The University of Edinburgh, Scotland, UK, in 2010.

## Awards



**David Dickson** is in his second year as a Graduate Project Manager at SELEX Galileo in Edinburgh, Scotland, UK.

He is an Associate Member of the Association of Project Managers (APM), working toward full membership.

He received his MEng in civil engineering and construction management from the University of Edinburgh, Scotland, in 2010. It was during his master's thesis year that he coauthored the structural engineering paper investigating the performance of FRP-wrapped square and rectangular columns.



**Luke A. Bisby** is a Reader and the Ove Arup Foundation/Royal Academy of Engineering Senior Research Fellow in Structures and Fire at the University of Edinburgh, Scotland, UK. He is also Deputy Head of the Institute for Infrastructure and Environment and Acting Director of the BRE Centre for Fire Safety Engineering, also at the University of Edinburgh.

Bisby is a member of ACI Committee 440, Fiber-Reinforced Polymer Reinforcement, and a member of Joint ACI-TMS Committee 216, Fire Resistance and Fire Protection of Structures. He is a past member of the American Society of Civil Engineers (ASCE). He

has authored or coauthored over 100 peer-reviewed technical papers, including three receiving best paper awards.

His research interests include material and structural response to elevated temperatures and fire, the use of fiber-reinforced polymers in structural repair, and internal reinforcement of concrete and engineering education.

Bisby received his BEng in civil engineering from McGill University, Montreal, QC, Canada, in 1997, and his MSc and PhD in civil engineering from Queen's University, Kingston, ON, Canada, in 1999 and 2003, respectively. He is a licensed professional engineer in Ontario, Canada.

## Awards



**Tim Stratford** is a Senior Lecturer in the School of Engineering at the University of Edinburgh, Scotland, UK, where he has worked for the last 10 years.

He has authored or coauthored 70 technical publications. These relate to fiber-reinforced polymer (FRP) strengthening applied to concrete, masonry, and metallic structures; FRP bridges; and the fire safety engineering of concrete and other forms of construction.

Stratford received his MA(Cantab), his MEng in 1996, and his PhD in 2000, from The University of Cambridge, UK.

# Awards

## ACI DESIGN AWARD

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

*“for the innovative design of the precast concrete Viaducto Bicentenario”*  
(“The Innovative Viaducto Bicentenario,” *Concrete International*, October 2011, pp. 45-50)



**José Riobóo Martín** has been the President and Founder of Grupo Riobóo, a major group of design engineering and construction management firms in Mexico, since 1974.

He is Chair of the Mexico City Concrete Building Design and Construction Code and member of the Advisor Structural Engineering Committee for the Mexico City government. He has published papers in diverse structural engineering journals and participated in many international congresses and conventions. He received special recognition for his many contributions to the cement and concrete industry at the ACI Fifth International Conference in Cancún, Mexico, in 2002, and the ACI Central & South Mexico Chapter gave him an award for the project Distribuidor Vial San Antonio in 2003. Martín is also a member of the Precast/Prestressed Concrete Institute (PCI), from which he's received several design awards for his innovative use of precast prestressed concrete in diverse bridges and buildings.

Martín received his BS in civil engineering from the Universidad Nacional Autónoma de México (UNAM) in Mexico City and his master's in education from Our Lady of the Lake University in San Antonio, TX. He has been an academic since 1965 at UNAM.



# 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 376, Concrete Structures for Refrigerated Liquefied Gas Containment”*



**Neven Krstulovic-Opara** is a Senior Staff Engineer for ExxonMobil in Houston, TX. He joined ExxonMobil in 2007 as a structural, concrete, and LNG tank subject matter expert, as well as a Lead Engineer in charge of all civil, structural, and/or marine design works on the Papua New Guinea LNG and Barzan natural gas plant projects.

An ACI Fellow since 2006, Krstulovic-Opara is Chair of ACI Subcommittees 376-A, Code, Education & Publication; 376-C, Analysis; and 544-E, FRC-Mechanical Properties; and Secretary of ACI Committee 544, Fiber-Reinforced Concrete. He is a member of

ACI Committees 376, Concrete Structures for Refrigerated Liquefied Gas Containment, and 446, Fracture Mechanics. During his long tenure as Chair of ACI Committee 376, he led the development of the first international code on LNG tanks. He has authored 20 refereed journal papers and 20 conference publications.

His research interests include concrete: fracture mechanics, cryogenic behavior, LNG tanks, offshore platforms, “smart” materials, and high-performance fiber-reinforced concrete use in seismic/blast applications.

He received his MCE from the University of Belgrade, Serbia; his MSc from the Imperial College, London, UK; and his PhD from Carnegie Mellon University, Pittsburgh, PA, in 1986, 1987, and 1991, respectively. He is a licensed professional engineer in Texas.

# Awards

*“for outstanding leadership of Committee 236, Material Science of Concrete”*



**Kimberly E. Kurtis** is the College of Engineering ADVANCE Professor and a Professor in the School of Civil and Environmental Engineering at Georgia Institute of Technology, Atlanta, GA, where she joined the faculty in January 1999.

She is an ACI and American Ceramics Society (ACerS) Fellow. She is a Past Chair, Past Secretary, and member of ACI Committees 236, Material Science, and S802, Teaching Methods & Materials. She is a member of the ACI Educational Activities Committee (EAC) and ACI Committees 130, Sustainability of Concrete; 201, Durability of Concrete; 225, Hydraulic Cements; and

231, Properties of Concrete at Early Ages. She is also a member of the American Society of Civil Engineers (ASCE) and ASTM International, where she serves on Committees C01, Cement, and C09, Concrete and Concrete Aggregates. She received the 2005 ACI Walter P. Moore, Jr. Faculty Achievement Award, the 2008 ACI James Instruments Award for Research on NDT of Concrete, and the 2010 Award for Outstanding Article in ASTM International's *Journal of Testing and Evaluation*. She is an editorial member of Elsevier's *Cement and Concrete Composites* and a former Associate Editor of ASCE's *Journal of Materials in Civil Engineering*.

Her research on the multi-scale structure and performance of cement-based materials has resulted in more than 100 technical publications and two U.S. patents.

She received her BSE in civil engineering from Tulane University, New Orleans, LA, under a Deans Honor Scholarship, in 1994 and her PhD in civil engineering from the University of California, Berkeley, Berkeley, CA, in 1998, where she was a Henry Hilp Fellow and a National Science Foundation (NSF) Fellow.

## Awards

*“for outstanding leadership of Committee 530, Masonry Standards Joint Committee—Joint ACI-ASCE-TMS”*



**Diane Throop** is Director of Engineering for the International Masonry Institute (IMI), Cincinnati, OH. She has almost 30 years of experience in the masonry industry, much of that with IMI.

Throop has been an ACI member for 25 years. She is Chair of the 2013 Masonry Standards Joint Committee (MSJC) (TMS [The Masonry Society] 402/ACI 530/ASCE [American Society of Civil Engineers] 5 and TMS 602/ACI 530.1/ASCE 6). She is Past Chair of the 2005 and 2008 MSJC Construction Requirements Subcommittee, the 2011 MSJC Committee, and ASTM Committees C15, Manufactured Masonry

Units, and C12.03, Specifications for Masonry Mortars. She was Co-Chair of the ASTM International 10th Symposium on Masonry and Co-Editor of the resulting publication. She received the 2004 ASTM International Award of Merit, which carries the title of Fellow; became a TMS Fellow in 2009 for outstanding contributions to the society; received an Outstanding Paper Award in 2011 for her presentation at the 11th North American Masonry Conference; and received the TMS President’s Award for her service as Chair of the MSJC Committee in 2012. She has written multiple articles on masonry for engineering and trade publications.

She received her BS in civil engineering in 1975 and her MBA in 1986 from the University of Toledo, Toledo, OH. She is a licensed professional engineer in Ohio and Michigan.

# 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 leadership, dedication, professionalism and tireless service to the ACI Indiana Chapter”*



**Thomas J. Grisinger** is a Technical Services Manager at Lehigh Cement Company in Indianapolis, IN, and works in the Central and North Central regions of the United States. He began working for Lehigh in Overland Park, KS, in 1984.

Grisinger is Vice Chair of ACI Committee 233, Ground Slag in Concrete, and Certifications Chair and Vice Chair on the Website Development Committee. He is a member of ACI Committees 225, Hydraulic Cements; 237, Self-Consolidating Concrete; 303, Architectural Cast-In-Place Concrete; 310, Decorative Concrete; and 332, Residential Concrete Work. He is a

past member of the ACI Chapter Activities Committee. He is also a member of ASTM International. Grisinger has worked with the ACI Indiana Chapter for the past 20 years. He served on the Board of Directors from 1993-1995; as Vice President in 1996; as President in 1997; and as Secretary-Treasurer for the past 14 years (1998-present).

He received his BS in civil engineering from the University of Nebraska, Lincoln, NE, in 1978. He is a licensed professional engineer in Nebraska.

# Awards

*“for his outstanding devotion, enthusiastic service and strategic direction to the ACI Greater Michigan Chapter”*



**Anthony I. Johnson** has been the Great Lakes Regional Manager at the Concrete Reinforcing Steel Institute (CRSI) in Rochester Hills, MI, since October 2007.

Johnson is a member of ACI Committees 130, Sustainability of Concrete; 325, Concrete Pavements; 332, Residential Concrete Work; 551, Tilt-Up Concrete Construction; and 560, Design and Construction with Insulated Concrete Forms. He is a Past President of the ACI Greater Michigan Chapter and a past member of the ACI Chapter Activities Committee and ACI Committees 221, Aggregates for Concrete, and 306, Cold Weather Concrete. Johnson is a member of ASTM Committee A01.05, Steel Reinforcement, and the Concrete Reinforcing Steel Institute’s (CRSI’s) Research & Development Committee, where he assists in evaluating, awarding, and overseeing research related to reinforcing steel and concrete containing steel reinforcing materials.

He received his bachelor’s degree in civil engineering (with honors) from the University of Wollongong, NSW, Australia, and his MBA from the Eli Broad Graduate School of Management at Michigan State University, East Lansing, MI, in 1997 and 2004, respectively.

He is a registered professional engineer in Michigan.

## Awards

*“for his exceptional leadership and dedication to the ACI Ontario Chapter”*



**Bartley William Kanters** is the Director of Technical Services at the Ready Mixed Concrete Association of Ontario (RMCAO), where he has worked for the past 13 years.

Kanters has been a Board member of the ACI Ontario Chapter for the past 10 years and was Co-Chair of the ACI 2012 Fall Convention in Toronto, ON, Canada. He is a member of ACI Committee 610, Field Testing Certification, and is the Examiner for the ACI field testing, flatwork, and tilt-up certification programs for the local sponsoring group.

He received his Bachelor of Applied Science in civil engineering from the University of Waterloo, ON, Canada, in 1993 and his MBA from Heriot-Watt University, Edinburg, Scotland.

He is a registered professional engineer in Ontario, Canada.

*“for his untiring efforts and outstanding dedication on behalf of the ACI Ethiopia Chapter”*



**Ephraim Senbetta** is a part-time Associate Professor of civil engineering at Addis Ababa University, Addis Ababa, Ethiopia, where he just completed a year as Fulbright Scholar. He is also a technical consultant to MAPEI, a global construction products company, headquartered in Italy.

An ACI Fellow, Senbetta is a member of the Executive Committee of the ACI Ethiopia Chapter, which he helped establish in 2009. He is also a member of ASTM International.

His research interests include the practical application of new technologies to modernize and improve construction practices in Ethiopia and teaching graduate courses about concrete.

He received his BS, MS, and PhD in civil engineering from Purdue University, West Lafayette, IN, in 1974, 1975 and 1981, respectively. He is a Certified Quality Auditor and a LEED-accredited professional.



# 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 innovative teaching methods, his involvement of undergraduate students in research and publication, and his commitment to K-12 outreach”*



**Zachary C. Grasley** is an Associate Professor in the Charles E. Via, Jr., Department of Civil and Environmental Engineering at Virginia Tech, Blacksburg, VA., where he has been since the fall of 2012.

Grasley is Secretary of ACI Committee 236, Material Science of Concrete, and a member of ACI Committee 231, Properties of Concrete at Early Ages. He has authored or coauthored over 50 technical papers and reports. He is also a member of the American Society of Civil Engineers (ASCE).

His research interests include creep, shrinkage, coupled mechanics, thermodynamics, chemistry, nanometric material modification, environmental effects, material sustainability, and the process by which individuals learn and retain abstract engineering and science concepts.

He received his BS from Michigan Technological University in Houghton, MI, and his MS and PhD from the University of Illinois at Urbana-Champaign, Champaign, IL, in 2001, 2003, and 2006, respectively.

# T.Y. Lin Awards

TBD March 2013

## 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 95 possible points. Those chapters receiving 50 or more points are deemed to have achieved a ranking of “excellent.” Those receiving a minimum of 35 points up to a maximum of 49 points are accorded “outstanding” status.

For international chapters, there are 53 possible points. A rating of at least 34 points is necessary for “excellent” honors. Those achieving at least 26 points are accorded “outstanding” status.

#### Excellent Chapters for 2012

Arizona  
Central and Southern Mexico  
Georgia  
Guatemala  
India  
Kansas  
Louisiana  
Missouri  
Nebraska  
New Jersey  
New Mexico  
Northeast Mexico  
Northeast Texas  
Ontario  
Peru  
San Antonio  
San Diego International  
Southern California

#### Outstanding Chapters for 2012

Carolinas  
Eastern Pennsylvania and Delaware  
Greater Michigan  
Illinois  
Indiana  
Intermountain  
National Capital  
Northern California and  
Western Nevada  
Pittsburgh Area

# 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 2012

Arizona State University  
Kansas State University  
Missouri S&T  
New Jersey Institute of Technology  
North Carolina State University  
Oklahoma State University  
San Jose State University  
Texas State University -  
San Marcos  
United States Military Academy  
Universidad Autónoma de  
Nuevo León  
University of Arkansas  
University of Florida  
University of Illinois at  
Urbana-Champaign  
University of Kansas  
University of Louisiana at Lafayette  
University of Missouri-Kansas City

### ACI Outstanding University Award 2012

Auburn University  
British Columbia Institute  
of Technology  
Cleveland State University  
Escuela Colombiana de Ingeniería  
Julio Garavito  
Florida International University  
Illinois Institute of Technology  
Instituto Tecnológico de La Paz  
Lawrence Technological University  
NED University of Engineering  
and Technology  
Purdue University  
Rose-Hulman Institute of Technology  
Tennessee Technological University  
Trine University  
Universidad Rafael Landívar  
Quetzaltenango  
University of Engineering and  
Technology Lahore, Pakistan  
University of Georgia  
University of Minnesota Duluth  
Valparaiso University

# Awards

## EDUCATIONAL ACTIVITIES COMMITTEE SPEAKER OF THE YEAR AWARD



**Robert J. Frosch**, PhD, PE, FACI, is a Professor of Civil Engineering at Purdue University. He received his BSE from Tulane University and his MSE and PhD from the University of Texas at Austin. Dr. Frosch is a member of the ACI Board of Direction and the Financial Advisory, Membership, and Publications Board Committees. He currently serves as Chair of ACI Subcommittee 318-D, Flexure and Axial Loads: Beams, Slabs, and Columns, and is immediate Past-Chair of ACI Committee 224, Cracking. He is also a member of ACI Committees 318, Structural Concrete Building Code; 440, Fiber-Reinforced Polymer

Reinforcement; ACI Subcommittee 318-SC, 318 Steering Committee; and Joint ACI-ASCE Committees 408, Development and Splicing of Deformed Bars and 445, Shear and Torsion. He is a member of the PCI Technical Activities Council and the PCI Research & Development Council. His research interests include the design and behavior of structural concrete, earthquake engineering, bridge engineering, and the repair and rehabilitation of structures. His excellence in teaching and research has been recognized at Purdue through his receipt of the Harold Munson Teaching Award, the Edmund M. Burke Outstanding Professor Award, and the Roy E. and Myrna Wansik Civil Engineering Research Award. He is the recipient of the ACI Young Members Award for Professional Achievement, the PCI Young Educator Achievement Award, and the University of Texas at Austin Outstanding Young Alumnus Award.

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



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