Civil and Environmental Engineering
Academy of Distinguished Alumni

Induction and Banquet for Class of 2017
The University Club
California Memorial Stadium
October 5, 2017
Civil and Environmental Engineering Academy of Distinguished Alumni
Induction and Banquet for Class of 2017
October 5, 2017

Anil K. Chopra, Ph.D., NAE
Johnson Professor of Structural Engineering, Emeritus, Department of Civil and Environmental Engineering, UC Berkeley

Paul A. Cocotis, P.E.
President, AECOM Civil Construction Group

William R. Gianelli
Retired Former Head/Director, California Dept. of Water Resources, Former Assistant Secretary of the Army (Civil Works), and Former Chair, Panama Canal Commission

David T. Gockel, P.E.
President & CEO, Langan Engineering & Environmental Services

I.M. (Ed) Idriss, Ph.D., P.E., G.E., NAE
Professor Emeritus, University of California, Davis

Edward Kavazanjian, Jr., Ph.D., P.E., G.E., NAE
Regents Professor and Ira. A. Fulton Chair, School of Sustainable Engineering and the Built Environment, Arizona State University

Jon D. Magnusson, P.E., S.E., NAE
Senior Principal, Magnusson Klemencic

Robert D. Whitley, P.E.
Principal, West Yost Associates, Inc.

Class of 2016
James H. Roberts
President & CEO, Granite Construction Incorporated

In Memoriam (Posthumous)
Raymond W. Clough (1920-2016), Honorary Member, NAE
Byron L. and Elvira E. Nishkian Professor of Structural Engineering, Department of Civil and Environmental Engineering, UC Berkeley

Henry J. Degenkolb (1913-1989), B.S.C.E., NAE
Founder of Degenkolb Engineers
University of California, Berkeley

College of Engineering

S. Shankar Sastry, Dean
Philip Kaminsky, Executive Associate Dean

Department of Civil and Environmental Engineering (CEE)

Robert Harley, Department Chair
Mark Stacey, Vice Chair for Academic Affairs
Claudia Ostertag, Vice Chair for Research and Technical Services

CEE Academy of Distinguished Alumni

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Robert Harley
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5:30-6:30 PM RECEPTION – The University Club
6:30 PM DINNER – The University Club
6:30-6:35 PM CALL TO ORDER & INTRODUCTION
   ROBERT HARLEY, Carl W. Johnson Professor and Chair, Department of Civil and Environmental Engineering
6:35-6:40 PM WELCOME FROM THE COLLEGE
   PHILIP KAMINSKY, Executive Associate Dean
7:15 PM DESSERT
7:15-7:20 PM OVERVIEW OF THE ACADEMY OF DISTINGUISHED ALUMNI AND RECOGNITION/ACKNOWLEDGEMENT OF SPONSORS
   KARA L. NELSON, Professor, Department of Civil and Environmental Engineering, Associate Dean, Equity and Inclusion
7:20-7:25 PM INTRODUCTION TO CEE UNDERGRADUATE RESEARCH OPPORTUNITY PROGRAM
   ROBERT HARLEY
7:25-8:05 PM  INDUCTION AND PRESENTATION OF CERTIFICATES TO ACTIVE AND IN MEMORIAM MEMBERS

Readers:  RUDOLPH BONAPARTE, Chair, Board of Directors, CEE Academy of Distinguished Alumni, and DAVID A. FRIEDMAN, Vice Chair, Board of Directors, CEE Academy of Distinguished Alumni

Presenter:  ROBERT HARLEY

8:05-8:20 PM  CONCLUSION, ADJOURNMENT, and PHOTOGRAPHS

DAVID A. FRIEDMAN

INDUCTEE CLASS PHOTO
(all inductees gather for class photo)

CEE ACADEMY PHOTO
(all current and new members gather for photo)
Sponsor contributions in excess of banquet costs and individual member contributions generously support the Berkeley CEE Undergraduate Research Opportunity Program (UROP)
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CLASS OF 2017 INDUCTEES

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Anil K. Chopra
B.S., Civil Engineering (1960)
M.S., Civil (Structural) Engineering (1963)
Ph.D., Civil (Structural) Engineering (1966)

For pioneering methods for earthquake response analysis of structural systems, including dynamic interaction with soils and fluids; for excellence in teaching and contributions to the profession and for authoring landmark technical publications in these areas; and, for four decades of contributions and service as a distinguished member of the Berkeley CEE faculty.

Paul A. Cocotis, P.E.
B.S., Civil Engineering (1990)

For exemplary service in the civil construction industry, leading Shimmick Construction as its President and CEO for the past 15 years; for his commitment to tackling the most challenging infrastructure projects, while at the same time fostering a safe, diverse, and family-oriented work environment; and for his long-time support of the Berkeley CEE Department.
William R. Gianelli
B.S., Civil Engineering (1941)

For a lifetime of distinguished service and leadership as a US Army Officer and Purple Heart Recipient, Assistant Secretary of the Army, Head of California Department of Water Resources, and visionary leader of the California State Water Project; for the creation and philanthropic support of the non-profit Water Education Foundation; and for his leadership in and service to the profession.

David T. Gockel
M.S., Civil (Geotechnical) Engineering (1981)

For leadership and innovation in engineering practice and management, having guided Langan Engineering & Environmental Services to become a leading international consulting and engineering organization; for his active role in public service; and for his long-time support of the Berkeley CEE Department and College of Engineering.
I.M. (Ed) Idriss
Ph.D., Civil (Geotechnical) Engineering (1966)

For advancing the state of the art in geotechnical earthquake engineering through research to improve procedures for site evaluation and seismic response; for applying these procedures as a consultant on major civil engineering projects around the world; for his teaching, lectures, and publications that have advanced the state of the practice in geotechnical earthquake engineering; and for his long-time collaboration with, and support for, the Berkeley CEE Department.

Edward Kavazanjian, Jr.
Ph.D., Civil (Geotechnical) Engineering (1978)

For research and practice leadership in geotechnical earthquake engineering, geotechnical landfill engineering, and bio-mediated and bio-inspired geotechnics; for dedicated service to, and leadership in, the CEE profession over more than three decades; and for long-time collaboration with, and support for, the Berkeley CEE Department.
Robert D. Whitley  
B.S., Civil Engineering (1964)  
M.S., Civil (Sanitary) Engineering (1965)

For sustained leadership in the planning, design, construction, and implementation of numerous environmental engineering projects that protect the environment and improve public health; for service and leadership on numerous public committees focused on water issues in California; and for a life-long commitment to the education of next-generation engineers and, particularly, to the Berkeley CEE Department.

Jon D. Magnusson  
M.S., Civil (Structural) Engineering (1976)

For a lifetime of achievement in creative structural design, including innovations in seismic-resistant design of high-rise structures; for leading the development of a highly-respected and progressive structural engineering firm; for numerous contributions to and leadership in ASCE and SEI; for setting an example as an innovative and collaborative structural engineering leader; and for service to the Berkeley CEE Department.
For distinguished accomplishments and leadership in the heavy civil construction industry, culminating as President and CEO of Granite Construction, one of the most admired firms in the U.S. construction industry; for his commitment to promoting high ethical and safety standards for both his company and the industry, including his service as a founding member of the Construction Industry Ethics and Compliance Initiative; and, for his support of the Berkeley CEE Department.

James H. Roberts

B.S., Civil Engineering (1979)
M.S., Civil (Construction) Engineering (1980)
Raymond W. Clough
Honorary Member

For his pioneering research in the field of structural dynamics and for his co-development of the finite element method which revolutionized the field of structural analysis; for development of analysis methods and computer programs for earthquake analyses of tall buildings; and for his nearly four decades of distinguished service as a member of the Berkeley CEE structural engineering faculty.

Henry J. Degenkolb
B.S., Civil Engineering (1936)

For a career of outstanding contributions as a practitioner and business leader in the field of structural engineering; for his founding of the firm that is today Degenkolb Engineers; for his exemplary contributions to the profession, leading the development of building codes while serving on many important commissions, councils, and committees; and for his long-time support of the Berkeley CEE Department.
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In Memoriam
Charles Gilman Hyde (2014)
Tung-Yen (T.Y.) Lin (2014)
Ben C. Gerwick, Jr., BSCE, NAE (2013)
Eugene M. Herson, P.E., CPA (2016)
Helmut Krawinkler, Ph.D., NAE (2016)
Julia Morgan, BSCE (2013)
Egor Popov, Ph.D., NAE (2015)
Awtar Singh, Ph.D., P.E., GE (2012)
Robert L. Wiegel, MSME, NAE (2012)

Honorary Members
David I. Jenkins, Ph.D., NAE (2012)

Active Members
Franklin J. Agardy, Ph.D., P.E. (2012)
Mihran S. Agbabian, Ph.D, NAE (2012)
Gregory B. Baecher, Ph.D., NAE (2014)
James M. Becker, Ph.D., P.E. (2014)
Brenda Myers Bohlke, Ph.D. (2013)
Rudolph Bonaparte, Ph.D., P.E., NAE (2012)
G. Wayne Clough, Ph.D., P.E., NAE (2013)
Gregory G. Deierlein, Ph.D., NAE (2016)
J. Michael Duncan, Ph.D., P.E., NAE (2013)
Gregory L. Fenves, Ph.D., NAE (2013)
Fred N. Finn, MSCE, NAE (2014)
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David A. Friedman, BSCE, P.E., SE (2012)  
Paul H. Gilbert, MSCE, P.E., NAE (2012)  
Richard E. Goodman, Ph.D., NAE (2012)  
Ashraf Habibullah, MSCE, P.E., SE (2013)  
   Susan S. Hubbard, Ph.D. (2014)  
   Jorg Imberger, Ph.D., NAE (2016)  
   Adib K. Kanafani, Ph.D., NAE (2012)  
Michael C. Kavanaugh, Ph.D., P.E., NAE (2012)  
   Richard G. Luthy, Ph.D., P.E., NAE (2012)  
   Janiele Maffei, P.E., S.E. (2016)  
Robin K. McGuire, Ph.D., P.E., NAE (2014)  
Carl L. Monismith, MSCE, P.E., NAE (2012)  
   Stephen G. Monismith, Ph.D. (2014)  
Denny S. Parker, Ph.D., P.E., NAE (2015)  
   Maryann Phipps, P.E., S.E. (2016)  
   Karl S. Pister, Ph.D., NAE (2012)  
   James H. Roberts (2016)  
Leslie E. Robertson, BSCE, P.E., S.E., NAE (2012)  
   Howard A. Schirmer, Jr., P.E. (2016)  
   Elizabeth Hausler Strand, Ph.D. (2014)  
   Robert L. Taylor, Ph.D., NAE (2012)  
George Tchobanoglous, Ph.D., P.E., NAE (2013)  
R. Rhodes Trussell, Ph.D., P.E., NAE (2012)  
   James D.A. van Hoften, Ph.D. (2012)  
   Edward L. Wilson, D Eng., NAE (2012)
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Loring A. Wyllie, Jr., MSCE, P.E., S.E., NAE (2012)
Peter I. Yanev, MSCE (2012)
Victor A. Zayas, Ph.D., P.E. (2012)

Biographies for all members of the Academy of Distinguished Alumni can be found at www.ce.berkeley.edu/alumni/academy