



UNIVERSITY OF CALIFORNIA, BERKELEY

Civil and Environmental Engineering
Academy of Distinguished Alumni

Induction and Banquet for Class of 2015

The University Club
California Memorial Stadium
October 8, 2015

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Eleanor J. M. Allen, P.E.

CEO, Water For People

Glenn R. Bell, P.E., S.E.

CEO, Simpson Gumpetz & Heger

Reginald DesRoches, Ph.D.

*Karen & John Huff School Chair & Department Chair,
Civil & Environmental Engineering, Georgia Institute of Technology*

Uri Eliahu, P.E., G.E.

President & CEO, ENGEO

Marwan Nader, Ph.D., P.E.

*Senior Vice President, Technical Director & Board Director,
T.Y. Lin International*

Denny S. Parker, Ph.D., P.E., NAE

Senior Vice President, Brown & Caldwell

Y.R. (Joe) Rashid, Ph.D., P.E.

Senior Advisor, ANATECH - Structural Integrity

Larry L. Russell, Ph.D., P.E.

President, REED International, Ltd.

In Memoriam (Posthumous)

Egor Popov, Ph.D., NAE (BS, 1933)

Professor Emeritus of Civil (Structural) Engineering, U.C. Berkeley (1946-2001)

Bernard A. Vallerga, P.E., NAE (BS, 1943; MS, 1948)

*Renowned authority on pavement design and rehabilitation
and asphalt material technology*

University of California, Berkeley

College of Engineering

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Per Peterson, Executive Associate Dean

Department of Civil and Environmental Engineering (CEE)

Robert Harley, Department Chair

Mark Stacey, Vice Chair for Academic Affairs

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PROGRAM

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 OF DEAN PETERSON

*ROBERT HARLEY, Carl W. Johnson Professor and Chair,
Department of Civil and Environmental Engineering*

6:35-6:40 PM WELCOME FROM THE COLLEGE

*PER PETERSON, Executive Associate Dean, College of
Engineering*

7:15 PM DESSERT

7:15-7:25 PM OVERVIEW OF THE ACADEMY OF DISTINGUISHED
ALUMNI AND RECOGNITION/ACKNOWLEDGEMENT
OF SPONSORS

*NICHOLAS SITAR, Edward G. Cahill and John R. Cahill
Professor, Department of Civil and Environmental
Engineering*

7:25-7:35 PM OVERVIEW OF CEE UROP AND INTRODUCTION TO
PROGRAM

ROBERT HARLEY

7:35-8:10 PM INDUCTION AND PRESENTATION OF CERTIFICATES TO
ACTIVE MEMBERS

*Reader: RUDOLPH BONAPARTE, Chair, Board of
Directors, CEE Academy of Distinguished Alumni*

Presenter: ROBERT HARLEY

8:10-8:25 PM INDUCTION AND PRESENTATION OF *IN MEMORIAM* MEMBERS

EGOR POPOV, Remembrances by Robert L. Taylor, Professor Emeritus, Department of Civil and Environmental Engineering

BERNARD A. VALLERGA, Remembrances by Carl L. Monismith, Professor Emeritus, Department of Civil and Environmental Engineering

8:25-8:30 PM CONCLUSION, ADJOURNMENT, and PHOTOGRAPHS

DAVID A. FRIEDMAN, Vice Chair, Board of Directors, CEE Academy of Distinguished Alumni

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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Civil and Environmental Engineering
Academy of Distinguished Alumni

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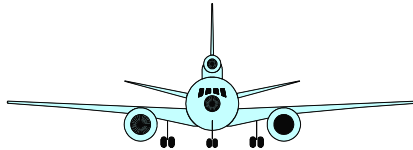
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CLASS OF 2015 INDUCTEES

Civil and Environmental Engineering
Academy of Distinguished Alumni

Eleanor J. M. Allen

M.S., Civil and Environmental Engineering (1997)



For contributions as CEO of Water For People, a global non-profit focused on providing safe drinking water in under-developed countries; for leadership in the practice of environmental engineering and in delivering large complex infrastructure programs around the globe; and, for supporting and leading efforts to increase diversity and inclusivity in the workplace and for being an inspiration to women in engineering.

Glenn R. Bell

M.S., Civil (Structural) Engineering (1975)



For many years of business and practice leadership at one of the nation's top structural engineering and consulting organizations; for professional leadership in efforts to raise the status of the civil engineering profession and for co-founding the ASCE Technical Council on Forensic Engineering; and, for long-time service to the Department of Civil and Environmental Engineering, most recently as a member of the CEE Advisory Council.

Reginald DesRoches

B.S., Mechanical Engineering (1990)
M.S., Civil (Structural) Engineering (1993)
Ph.D., Civil (Structural) Engineering (1998)



For contributions to teaching and research at the Georgia Institute of Technology, focusing on structural engineering, resilient systems, and the design of critical infrastructure under extreme loads; for exceptional technical and management leadership in the U.S. response to the 2010 Haiti earthquake; for dedication as a educator and mentor to numerous students; and, for long-time collaboration with the Berkeley Department of Civil and Environmental Engineering.

Uri Eliahu

B.S., Civil Engineering (1981)



For leadership in the business and practice of civil engineering; for development of the concept of the Geologic Hazard Abatement District designation for addressing long-term risks associated with unstable geological conditions at potential development sites in California; and, for support of the Department of Civil and Environmental Engineering through the creation of ENGEO Fellowship in Geotechnical Engineering and as a member of the CEE Advisory Council.

Marwan Nader

Ph.D., Civil (Structural) Engineering (1992)



For contributing to the design, retrofit, and construction engineering of world-class bridge structures, including the East Span Replacement of the San Francisco-Oakland Bay Bridge and the Golden Gate Bridge Seismic Retrofit; for support of the profession through his involvement in technical committees and societies; and, for service to the Department of Civil and Environmental Engineering as a member of the CEE Advisory Council and as a frequent guest lecturer.

Denny S. Parker

B.S., Civil Engineering (1965)

M.S., Civil (Sanitary) Engineering (1966)

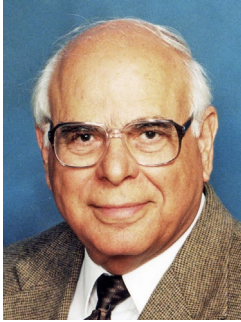
Ph.D., Civil (Sanitary) Engineering (1970)



For innovative technological breakthroughs for wastewater treatment systems that today represent industry standards in North America; for practice leadership in applying these technologies at major wastewater treatment facilities throughout the U.S.; and, for contributions to the Department of Civil and Environmental Engineering in helping to establish the David H. Caldwell Graduate Student Fellowship and for endowing a fellowship through the American Indian Science and Engineering Society to support minority CEE students.

Y.R. (Joe) Rashid

B.S., Civil Engineering (1960)
M.S., Civil (Structural) Engineering (1962)
Ph.D., Civil (Structural) Engineering (1964)



For outstanding contributions to mathematical, numerical, and computational modeling techniques applied to the analysis of complex structures under extreme loading; to contributions to the profession by authoring more than 200 technical publications and by serving on expert panels for the U.S. Nuclear Regulatory Commission, U.S. Department of Energy, and others; and, for support of the Department of Civil and Environmental Engineering through long-time collaboration with faculty.

Larry L. Russell

B.S., Civil Engineering (1970)
M.S., Civil (Sanitary) Engineering (1971)
Ph.D., Civil (Sanitary) Engineering (1976)



For innovations in the areas of corrosion control, invasive species control, hazardous waste management, and reducing lead levels in domestic water supply systems, leading to more than a dozen issued patents; for an outstanding professional engineering career providing service to Fortune 500 companies in the semiconductor and food industries; and, for long-time support of both the College of Engineering and Department of Civil and Environmental Engineering.

2015 (IN MEMORIAM)

Egor Popov

B.S., Civil Engineering (1933)

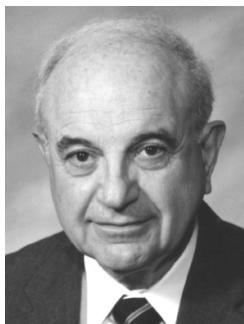


For more than fifty years of contributions to the field of structural engineering and mechanics as a researcher, theorist, and faculty member, with seminal advancements related to the inelastic behavior and seismic response of reinforced-concrete and steel buildings, shells, and other structures; for leadership in establishing the Structural Engineering and Structural Mechanics program at Berkeley and for educating and mentoring generations of students who themselves comprise a who's who of academic and industry leaders in structural engineering.

Bernard A. Vallerga

B.S., Civil Engineering (1943)

M.S., Civil Engineering (1948)



For research and practice leadership in the areas of pavement design, asphalt materials technology, and techniques for rehabilitating and recycling asphalt pavements; for contributions to the profession as a successful consulting engineer, as the author or coauthor of more than 200 technical reports and papers, and through service on numerous technical committees for the Transportation Research Board, Association of Asphalt Paving Technologists, Asphalt Institute, and other organizations; and, for long-time collaboration with CEE Department faculty.

Civil and Environmental Engineering Academy of Distinguished Alumni

Honorary Members

David I. Jenkins, Ph.D., NAE (2012)
James K. Mitchell, Sc.D., PE, NAE, NAS (2012)

In Memoriam

Charles Gilman Hyde (2014)
Tung-Yen (T.Y.) Lin (2014)
Ben C. Gerwick, Jr., BSCE, NAE (2013)
Julia Morgan, BSCE (2013)
Awtar Singh, Ph.D., PE, GE (2012)

Active Members

Franklin J. Agardy, Ph.D., PE (2012)
Mihran S. Agbabian, Ph.D., NAE (2012)
Gregory B. Baecher, Ph.D., NAE (2014)
John A. Baker, PE (2014)
James M. Becker, Ph.D., PE (2014)
Brenda Myers Bohlke, Ph.D. (2013)
Rudolph Bonaparte, Ph.D., PE, NAE (2012)
G. Wayne Clough, Ph.D., PE, NAE (2013)
J. Michael Duncan, Ph.D., PE, NAE (2013)
Gregory L. Fenves, Ph.D., NAE (2013)
Fred N. Finn, MSCE, NAE (2014)
David A. Friedman, BSCE, PE, SE (2012)
Paul H. Gilbert, MSCE, PE, NAE (2012)
Richard E. Goodman, Ph.D., NAE (2012)
Ashraf Habibullah, MSCE, PE, SE (2013)
Jefferson M. Hilliard, MSCE, PE, Dist. M.ASCE (2013)
Susan S. Hubbard, Ph.D. (2014)
Adib K. Kanafani, Ph.D., NAE (2012)
Richard W. Karn, BSCE, PE (2012)
Michael C. Kavanaugh, Ph.D., PE, NAE (2012)
James H. Kleinfelder, MSCE, PE (2012)
John H. Koon, Ph.D., PE (2013)

Richard G. Luthy, Ph.D., PE, NAE (2012)
Robin K. McGuire, Ph.D., NAE (2014)
Carl L. Monismith, MSCE, PE, NAE (2012)
Stephen G. Monismith, Ph.D. (2014)
Karl S. Pister, Ph.D., NAE (2012)
Leslie E. Robertson, BSCE, PE, SE, NAE (2012)
Elizabeth Hausler Strand, Ph.D. (2014)
Robert L. Taylor, Ph.D., NAE (2012)
George Tchobanoglous, Ph.D., PE, NAE (2013)
R. Rhodes Trussell, Ph.D., PE, NAE (2012)
James D.A. van Hoften, Ph.D. (2012)
Robert P. Wadell, MSCE, PE (2012)
Robert L. Wiegel, MSME, NAE (2012)
Edward L. Wilson, D Eng., NAE (2012)
Loring A. Wyllie, Jr., MSCE, PE, SE, NAE (2012)
Peter I. Yanev, MSCE (2012)
Victor A. Zayas, Ph.D., PE (2012)

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

