

Alcoa Foundation Engineering Research Awards 1978-2024

Distinguished = The Alcoa Foundation Distinguished Engineering Research Award

Achievement = The Alcoa Foundation Engineering Research Achievement Award

2024

Omer Oralkan, Electrical and Computer Engineering, Distinguished

Veronica Augustyn, Materials Science and Engineering, Achievement

2023

Ismail Güvenç, Electrical and Computer Engineering, Distinguished

Milad Abolhasani, Chemical and Biomolecular Engineering, Achievement

2022

Iqbal Husain, Electrical and Computer Engineering, Distinguished

Michael Kudenov, Electrical and Computer Engineering, Achievement

2021

He (Helen) Huang, UNC / NC State Joint Department of Biomedical Engineering, Distinguished

Stefano Menegatti, Chemical and Biomolecular Engineering, Achievement

2020

H. Christopher Frey, Civil, Construction, and Environmental Engineering, Distinguished

Fanxing Li, Chemical and Biomolecular Engineering, Achievement

2019

Afsaneh Rabiei, Mechanical and Aerospace Engineering, Distinguished

Cranos Williams, Electrical and Computer Engineering, Achievement

2018

Jason Haugh, Chemical and Biomolecular Engineering, Distinguished

Min Chi, Computer Science, Achievement

2017

Michael Dickey, Chemical and Biomolecular Engineering, Distinguished

Zhen Gu, Biomedical Engineering, Achievement

2016

Jan Genzer, Civil, Construction, and Environmental Engineering, Distinguished

Joseph DeCarolus, Chemical and Biomolecular Engineering, Achievement

2015

Youngsoo “Richard” Kim, Civil, Construction, and Environmental Engineering, Distinguished

Yong Zhu, Mechanical and Aerospace Engineering, Achievement

2014

Yuntian Zhu, Materials Science and Engineering, Distinguished

Joseph B. Tracy, Materials Science and Engineering, Achievement

2013

Donald Brenner, Materials Science and Engineering, Distinguished

Tiegang Fang, Mechanical and Aerospace Engineering, Achievement

2012

Richard Spontak, Chemical and Biomolecular Engineering, Distinguished

Michael Dickey, Chemical and Biomolecular Engineering, Achievement

2011

Veena Misra, Electrical and Computer Engineering, Distinguished

Michael Escuti, Electrical and Computer Engineering, Achievement

2010

Orlin D. Velev, Chemical and Biomolecular Engineering, Distinguished

Roger J. Narayan, Biomedical Engineering, Achievement

2009

Gianluca Lazzi, Electrical and Computer Engineering, Distinguished

Jon Paul Maria, Materials Science and Engineering, Achievement

2007

Greg Parsons, Chemical and Biomolecular Engineering, Distinguished

Jason Haugh, Chemical and Biomolecular Engineering, Achievement

2007

Mohammed A. Zikry, Mechanical and Aerospace Engineering, Distinguished

Ayman I. Hawari, Nuclear Engineering, Achievement

2006

George Roberts, Chemical and Biomolecular Engineering, Distinguished

David Kaber, Industrial and Systems Engineering, Achievement

2005

Paul D. Franzon, Electrical and Computer Engineering, Distinguished
Andrey V. Kuznetsov, Mechanical and Aerospace Engineering, Achievement

2004

Zlatko Sitar, Materials Science and Engineering, Distinguished
George N. Rouskas, Computer Science, Achievement

2003

Michael B. Steer, Electrical and Computer Engineering, Distinguished
Jan Genzer, Chemical Engineering, Achievement
Gianluca Lazzi, Chemical Engineering, Achievement

2002

Saad A. Kahn, Chemical Engineering, Distinguished
Veena Misra, Electrical and Computer Engineering, Achievement

2001

Ruben Carbonell, Chemical Engineering, Distinguished
Yuan-Shin Lee, Industrial Engineering, Achievement

2000

Benny D. Freeman, Chemical Engineering, Distinguished
Donald W. Brenner, Materials Science and Engineering, Achievement

1999

Wentai Liu, Electrical and Computer Engineering, Distinguished
Greg Parsons, Chemical Engineering, Achievement

1998

Thomas A. Dow, Mechanical and Aerospace Engineering, Distinguished
Y. Richard Kim, Civil Engineering, Achievement

1997

Klaus J. Bachmann, Materials Science and Engineering, Distinguished
Saad A. Khan, Chemical Engineering, Achievement

1996

Ren C. Lou, Electrical and Computer Engineering, Distinguished
Benny D. Freeman, Chemical Engineering, Achievement
Richard J. Spontak, Materials Science and Engineering, Achievement

1995

B. Jayant Baliga, Electrical and Computer Engineering, Distinguished
Russell E. King, Industrial Engineering, Achievement

1994

Carol K. Hall, Chemical Engineering, Distinguished
W. Rance Cleaveland II, Computer Science, Achievement

1993

Paul J. Turinsky, Nuclear Engineering, Distinguished
Larry M. Silverberg, Mechanical and Aerospace Engineering, Achievement

1992

Robert J. Trew, Electrical and Computer Engineering, Distinguished
Shuaib Ahmad, Civil Engineering, Achievement

1991

Carl C. Koch, Materials Science and Engineering, Distinguished
Angus I. Kingon, Materials Science and Engineering, Achievement

1990

Chi C. (David) Tung, Civil Engineering, Distinguished
Peter K. Kilpatrick, Chemical Engineering, Achievement

1989

Salvatore Torquato, Chemical Engineering, Distinguished
John G. Gilligan, Nuclear Engineering, Achievement

1988

Salah M. Bedair, Electrical and Computer Engineering, Distinguished
K. Linga Murty, Nuclear Engineering, Achievement

1987

Hassan A. Hassan, Mechanical and Aerospace Engineering, Distinguished
Salvatore Torquato, MSE and CHE, Achievement

1986

Robin P. Gardner, Nuclear Engineering, Distinguished
Sherra E. Diehl, Electrical and Computer Engineering, Achievement

1985

Hans H. Stadelmaier, Materials Engineering, Distinguished
Hans Conrad, Materials Engineering, Achievement

1984

Robert F. Davis, Materials Engineering, Distinguished

1983**1982**

James K. Ferrell, Chemical Engineering, Distinguished
Kerry Shuford Havner, Civil Engineering, Distinguished
Hayne Palmour III, Materials Engineering, Achievement

1981

Vivian Thomas Stannett, Chemical Engineering, Distinguished
Robert Foster Davis, Materials Engineering, Achievement

1980

Franklin Delano Hart, MAE, Distinguished
Harold Bruce Hopfenberg, Chemical Engineering, Distinguished
Mehmet Necati Ozisik, Electrical Engineering, Achievement

1979

Paul Zung-Teh Zia, Civil Engineering, Distinguished
Kerry Shuford Havner, Civil Engineering, Achievement

1978

Harold Bruce Hopfenberg, Achievement