



AEROSPACE ENGINEERING DIVISION

JOHN LELAND ATWOOD AWARD

Ramesh Agarwal

Professor
Department of Mechanical &
Aerospace Engineering
Washington University

This award was established in 1985 in honor of Lee Atwood, a master of aviation and a pioneer in missile and space projects. It is bestowed annually upon an outstanding aerospace engineering educator in recognition of contributions to the profession. The award is endowed by Rockwell International and consists of a \$2,000 honorarium, a certificate, and reimbursement of travel expenses to the ASEE Annual Conference. The American Institute of Aeronautics and Astronautics also presents an engraved medal and a certificate to the recipient at its annual aerospace sciences meeting.

ELECTRICAL ENGINEERING DIVISION

FREDERICK EMMONS Terman AWARD

Bhaskar Krishnamachari

Tenured Associate Professor of
Electrical Engineering Systems
Departments of Electrical Engineering
and Computer Science
University of Southern California

This award is conferred upon an outstanding young electrical engineering educator in recognition of contributions to the profession. The award, established in 1969, is sponsored by the Hewlett-Packard Company and consists of a \$4,000 honorarium, a gold-plated medal, a bronze replica, a presentation scroll, and reimbursement of travel expenses for the awardee to attend the ASEE Frontiers in Education Conference, where the award will be presented.

MECHANICAL ENGINEERING DIVISION

RALPH COATS ROE AWARD

Richard H. Crawford

Professor
Mechanical Engineering Department
University of Texas at Austin

This award honors an outstanding mechanical engineering teacher who has made notable contributions to the engineering profession. Financed from an endowment established by Kenneth A. Roe of Burns and Roe, Inc. in honor of his father, Ralph Coats Roe, the award consists of a \$10,000 honorarium, a plaque, and reimbursement of travel expenses to attend the ASEE Annual Conference.

NUCLEAR ENGINEERING DIVISION

GLENN MURPHY AWARD

James Stubbins

Professor & Head
Department of Nuclear, Plasma &
Radiological Engineering
University of Illinois at Urbana-Champaign

This award recognizes a distinguished engineering educator for notable professional contributions to the teaching of undergraduate and/or graduate nuclear engineering. The award, consisting of an honorarium of \$750 and a framed certificate, is sponsored by the Nuclear Engineering Division and honors the late Glenn Murphy's many contributions to engineering education.

OTHER DIVISION AWARDS



BIOMEDICAL ENGINEERING DIVISION

THEO C. PILKINGTON OUTSTANDING EDUCATOR AWARD

Dan Cavanagh
Bucknell University

BIOMEDICAL ENGINEERING TEACHING AWARD

Joseph Tranquillo
Bucknell University

BEST PAPER AWARD

Alyssa Taylor, Katelyn Mason, A. Leyf Pierce Starling, Timothy Allen, and Shayn Peirce
University of Virginia

CIVIL ENGINEERING DIVISION

GERALD R. SEELEY FELLOWSHIP

Steven Hart
United States Military Academy

GEORGE K. WADLIN DISTINGUISHED SERVICE AWARD

Jeffrey S. Russell
University of Wisconsin-Madison

GLEN L. MARTIN BEST PAPER AWARD

Stephen J. Ressler, *United States Military Academy*; **Jeffrey S. Russell**, *University of Wisconsin-Madison*

Paper: "The Sociology of Professions: Application to Civil Engineering"

COLLEGE/INDUSTRY PARTNERSHIPS DIVISION

LIFETIME SERVICE AWARD FOR PROMOTING EXCELLENCE WITHIN ENGINEERING EDUCATION

Eugene DeLoatch, *Morgan State University*;
Ray M. Haynes, *Da Vinci STEM Charter High School*

CIEC BEST SESSION AWARD

Moderator: **Roger Olson**
Rolls-Royce Corporation

Presenters: **Letha Hammon**, *DuPont Corporation*; **Ray Haynes**, *Da Vinci STEM Charter High School*; **Terri Morse**, *The Boeing Company*

Sesion: "Return on Investment: The Industry Perspective"

CIEC BEST CONFERENCE PRESENTER AWARD

Andy DiPaolo
Stanford University

"Moving to Anywhere, Anytime Learning: Institutional Strategies for Online Engineering Education"

CONTINUING PROFESSIONAL DEVELOPMENT DIVISION

CIEC BEST WORKSHOP AWARD

"Effective Tools, Techniques and Technologies for Distance Classroom"

Presenter: **Marie-Pierre Huguet**
Rensselaer Polytechnic Institute

Moderator: **Deb Manzo**
North Carolina State University

CIEC BEST SESSION AWARD

"Global Perspectives on Quality Management and Operations in Continued Engineering Education"

Moderator: **Edward Borbely**
University of Michigan-Ann Arbor

Presenters: **John Klus**, *University of Wisconsin-Madison*; **Alfredo Soeiro**, *University of Oporto, Portugal*

CIEC BEST PRESENTER AWARD

John Klus
University of Wisconsin-Madison

"Global Perspectives on Quality Management and Operations in Continued Engineering Education"

OTHER DIVISION AWARDS



CERTIFICATE OF APPRECIATION

Paul Jewell
Iowa State University
2010 CIEC-CPDD Program Chair
Keith Plemmons
The Citadel
2009 ASEE Annual Conference-CPDD Program Chair

Lynda Coulson
Rolls-Royce Corporation
2007-10 CPDD Board Director

Paul Jewell
Iowa State University
2007-2010 CPDD Board Director

CERTIFICATE OF MERIT

FOR OUTSTANDING WORK ON THE DAETE PROJECT

Alfredo Soeiro, *University of Porto*; **Patrio Montesinos**-UPV (Valencia); **John Klus**, *University of Wisconsin*; **Markku Markkula**, *Helsinki University of Technology*; **Mervyn Jones**, *Imperial College London*; **Carlos Ripoll Soller**, *UPV (Valencia)*; **Nelson Baker**, *Georgia Institute of Technology*; **Kim Scalzo**, *State University of New York*; **Edward Borbely**, *University of Michigan-Ann Arbor*

COOPERATIVE AND EXPERIENTIAL EDUCATION DIVISION

ALVAH K. BORMAN AWARD

Harold Simmons
Georgia Institute of Technology

LOU TAKACS AWARD

Candee Chambers
American Electric Power

STUDENT OF THE YEAR FOR 2009

Anthony Schwartz
Georgia Institute of Technology

BEST WORKSHOP

"Web-Magic Partnerships: Relationships for the 21st Century"

Moderator: **Gayle Elliott**
University of Cincinnati

Presenters: **Kara Leonard** and **Michelle McGee**
Rochester Institute of Technology

BEST CEED CONFERENCE PRESENTER

Robert Tillman, *Northeastern University*
"Discovering Magical Partnerships Within Your Campus"

BEST SESSION

"Roles of Academic Advisors in Co-Op Programs: Magic or Nightmare?"

Moderator: **Suzanne Norris**
University of Alabama-Huntsville

Presenters: **Debe Williams**, *University of Illinois*; **Harold Simmons**, *Georgia Tech*

EDUCATIONAL RESEARCH & METHODS DIVISION

DISTINGUISHED SERVICE AWARD

Richard Felder
North Carolina State University (Emeritus)

RONALD J. SCHMITZ AWARD FOR OUTSTANDING CONTRIBUTIONS TO THE FRONTIERS IN EDUCATION CONFERENCE

Russ Meier
Milwaukee School of Engineering

BENJAMIN DASHER AWARD

Glenda Stump, **Jenefer Husman**, **Wen-Ting Chung**, and **Aaron Done**
Arizona State University

Paper: "Student Beliefs about Intelligence: Relationship to Learning"

HELEN PLANTS AWARD

Russell Korte, *University of Illinois at Urbana-Champaign*; **Karl Smith**
Purdue University/University of Minnesota

Paper: "T4B - Developing Engineering Student's Philosophical Inquiry Skills"

OTHER DIVISION AWARDS



BEST PAPER AWARD

Lisa Lattuca, *Pennsylvania State University-
Main Campus*; **David Knight**, *Pennsylvania
State University-University Park*

Paper: "In the Eye of the Beholder: Defining
and Studying Interdisciplinarity in Engineering
Education"

ELECTRICAL AND COMPUTER ENGINEERING DIVISION

MERITORIOUS SERVICE AWARD

David Kerns, *Olin University*
Victor Nelson, *Auburn University*

DISTINGUISHED EDUCATOR AWARD

Edward A. Lee
University of California-Berkeley

ENERGY CONVERSION AND CONSERVATION DIVISION

BEST PAPER AWARD

FIRST PLACE

Robert Fletcher
Lawrence Technological University

Paper: "Using an Alternative Energy
Summer Camp for High School Students
as a University Outreach Program for the
Recruitment of Future Engineering Students:
A Two Year Study"

SECOND PLACE

David Blehman, *California State University,
Los Angeles*; **Eileen Cashman**, *Humboldt
State University*; **Richard Engel**, *Schatz
Energy Research Center*; **Jason Keith**,
Michigan Technological University;
Peter Lehman, *Humboldt State University*;
Michael Mann and Hossein Salehfar,
University of North Dakota; **Ahmad Sleiti**,
University of Central Florida

Paper: "National Hydrogen and Fuel Cell
Education Program Part I: Curriculum

THIRD PLACE

Herbert Hess
University of Idaho

Paper: "Upgrade of a Successful
Undergraduate Energy Project in a
Remote Wilderness Location"

ENGINEERING DESIGN GRAPHICS DIVISION

DISTINGUISHED SERVICE AWARD

William Ross
Purdue University

OPPENHEIMER AWARD

Richard Williams and **Jason Yao**
East Carolina University

CHAIR'S AWARD

Marie Planchard, *SolidWorks Corporation*;
Nick Bertozzi, *Daniel Webster College*;
Jennifer McDonald, *Daniel Webster College*;
Alexandra Sobin, *Daniel Webster College*

ENGINEERING ECONOMY DIVISION

EUGENE L. GRANT AWARD

Paul R. Gradl, *NASA*; **Alisha D. Youngblood**,
Southeast Missouri State University;
Paul J. Compton and **Sampson
E. Gholston**, *University of Alabama-Huntsville*

Paper: "Considering Risk Within Net Present
Value: Calculations for Government Projects"
- *The Engineering Economist*, Volume 54,
Number 2, pages 152-173

BEST PAPER AWARD

Ted Eschenbach
University of Alaska, Anchorage

Paper: "Why Engineering Economy Profes-
sors Should Teach Introductory Corporate
Finance"

OTHER DIVISION AWARDS



ENGINEERING LIBRARIES DIVISION

BEST POSTER AWARD

Robert Heyer-Gray, Karen Andrews
University of California-Davis
Jean McKenzie, Lisa Ngo
University of California-Berkeley
Emily Stambaugh
California Digital Library

Poster: "Assembling a 'Best Copy' Archival
Journal Collection: A Case Study of the Uni-
versity of California IEEE Project"

HOMER I. BERNHARDT DISTINGUISHED SERVICE AWARD

Jay Bhatt
Drexel University

BEST PUBLICATION AWARD

Meghan Lafferty
University of Minnesota

Article: "A Framework for Evaluating Science
and Technology Electronic Reference Books:
A Comparison of Five Platforms in Chemistry"
- *Issues in Science and Technology Librarian-
ship*, Fall 2009

ENGINEERING MANAGEMENT DIVISION

BERNARD R. SARCHET AWARD

Susan Murray
Missouri University of Science & Technology

BEST PAPER AWARD

Suzanna Long
Missouri University of Science & Technology
Hector Carlo
University of Puerto Rico at Mayaguez
Jane Fraser
Colorado State University at Pueblo
Abhijit Gosavi
Missouri University of Science & Technology
Scott Grasman
Missouri University of Science & Technology

BEST PRESENTATION AWARD

Susan Murray
Missouri University of Science & Technology

ENGINEERING TECHNOLOGY DIVISION

BEST SESSION AWARD

Presenters: **Marilyn Dyrud**, *Oregon Institute
of Technology*; **Bill Clapp**, *Weber State
University*; **Joy L. Colwell**, *Purdue University,
Calumet*

Session: "Diversity, Ethics and Respect
in Engineering Education"

BEST CONFERENCE PRESENTER

Marilyn Dyrud
Oregon Institute of Technology

Session: "Diversity, Ethics and Respect
in Engineering Education"

ENVIRONMENTAL ENGINEERING DIVISION

BEST PAPER AWARD

**Kristen Sanford Bernhardt, Sharon Jones,
Christopher Ruebeck**, *Lafayette College*;
Jacqueline Isaacs, *Northeastern University*

EARLY CAREER GRANT

Nicole Berge
University of South Carolina

"Engaging Students in Critical Thinking:
An Environmental Engineering EFFECT"

INDUSTRIAL ENGINEERING DIVISION

LIFETIME ACHIEVEMENT AWARD

Jane Fraser
Colorado State University-Pueblo



INTERNATIONAL DIVISION

GLOBAL ENGINEERING AND TECHNOLOGY AWARD

Linda Phillips
University of South Florida

SERVICE AWARD

Nick Safai
Salt Lake Community College

BEST PAPER AWARD

Kevin McGarvey, Michael Panko, Beena Sukumaran, Michael Kerbaugh, Gabriel Posluszny, and Anthony Cavalier
Rowan University

Paper: “Establishing Entrepreneurial Opportunities for the Developing World Using Engineering Design”

K-12 DIVISION BEST PAPER AWARD

Christine Schnittka
University of Kentucky
Michael Evans, Brett Jones, and Carol Brandt
Virginia Tech

Paper: “Studio STEM: Networked Engineering Projects in Energy for Middle School Girls and Boys”

LIBERAL EDUCATION DIVISION

THE STERLING OLMSTEAD AWARD

Julia Williams
Rose-Hulman Institute of Technology

MATHEMATICS DIVISION

DISTINGUISHED EDUCATOR AND SERVICE AWARD

Andrew Grossfield
Vaughn College of Aeronautics & Technology

MECHANICAL ENGINEERING DIVISION

BEST PAPER AWARD

Matthew Green
LeTourneau University
Carolyn Conner Seepersad
University of Texas at Austin
Katja Holttä-Otto
University of Massachusetts-Dartmouth

Paper: “Extreme Experience Interviews for Innovative Designs: Classroom Assessment of a New Needs-Gathering Method”

BEST PAPER AWARD—HONORABLE MENTION

Debra Mascaro, Stacy Bamberg, and Robert Roemer
University of Utah

Paper: “Integration and Reinforcement of Mechanical Engineering Skills Beginning in the First-Year Design Experience”

Goodarz Ahmadi
Clarkson University

Paper: “Course Development Experience on Particle Transport, Deposition, and Removal and Engineering of Nano/Micro-Scale Systems

Rajesh Bhaskaran
Cornell University

Paper: “SIMCAFE: A Wiki-Based Repository of Learning Modules for Deploying Simulation Technology in Mechanical Engineering Education”

David Willis, Paul Krueger, Alice Kendrick
Southern Methodist University

Paper: “Perceptions, Expectations and Outcomes of the Third Year Research Experiences for Undergraduates Program”

BEST POSTER AWARD

Enrique Barbieri, Raresh Pascali, Miguel Ramos, and William Fitzgibbon
University of Houston

“A Two-Year Common Template for Mechanical Engineering and Mechanical Engineering Technology”



MECHANICS DIVISION

ARCHIE HIGDON DISTINGUISHED EDUCATOR AWARD

James R. Barber
University of Michigan

FERDINAND P. BEER AND E. RUSSELL JOHNSTON, JR. OUTSTANDING NEW MECHANICS EDUCATOR AWARD

Prashant K. Purohit
University of Pennsylvania

Major Nicholas O. Melin
United States Military Academy

WOMEN IN ENGINEERING DIVISION

DENICE D. DENTON BEST PAPER AWARD

Rachelle Reisberg
Northeastern University

Margaret Bailey
Rochester Institute of Technology

Carol Burger
Virginia Tech

Jerry Hamann
University of Wyoming

Joe Raelin
Northeastern University

David Whitman
University of Wyoming
Paper: “The Effect of Gender on Support and Self-Efficacy in Undergraduate Engineering Programs”



FELLOW MEMBER HONOREES

2000 Ronald Barr, Theodore Bickart, Gary Crossman, Bruce Harding, Eddie Hildreth, Ronald S. Kane, William B. Krantz, Richard Moore **2001** Mary R. Anderson-Rowland, Walter W. Buchanan, Ralph A. Buonopane, Lester A. Gerhardt, E. Walter LeFevre, John J. McDonough, Albert L. McHenry, Thomas G. McWilliams, Jr., Ernest T. Smerdon, George A. Timblin, William J. Wilhelm **2002** W. David Baker, Frank M. Croft, Jr., Denny C. Davis, Paul N. Hale, Jr., J. David Irwin, Sudhir I. Mehta, Donald N. Merino, Burks Oakley II, C. Stewart Slater **2003** Robert English, Eli Fromm, Mario J. Gonzalez, Frank A. Gourley, Jr., Raymond G. Jacquot, Sherra E. Kerns, Barbara M. Olds, Gerhard F. Paskusz, H. Vincent Poor, Paul E. Rainey, William E. Sayle, Karan L. Watson **2004** Robert N. Braswell, Marvin E. Criswell, Jose B. Cruz, Stephen W. Director, Richard C. Dorf, Renata S. Engel, Lucy C. Morse, Robert H. Todd, William Troxler, Jack L. Waintraub, Ward O. Winer, David N. Wormley **2005** Adeyinka Adeyiga, Nicholas Altiero, Cristina Amon, Thomas Edgar, John Lamancusa, Carl Locke, Jr., Jack Lohmann, Thomas Regan, Joseph Shaeiwitz, Marwan Simaan, John Steadman **2006** Timothy Anderson, Cynthia Atman, Clive Dym, Luther Epting, James Farison, B. Keith Hodge, Joseph Hughes, James L. Melsa, J. P. Mohsen, Mark Pagano, Larry Shuman, David Voltmer **2007** Ashok Agrawal, Don Dekker, Elliot Eisenberg, Wolter Fabrycky, Patricia Fox, John Heywood, Raymond Morrison, Robert Mott, Donald Myers, Michael O'Hair, Sarah Rajala, Sheri Sheppard, Charles Yokomoto **2008** Ted Batchman, Marilyn Dyrud, John Enderle, Norman Fortenberry, Frank Huband, Thomas Litzinger, Lakshmi Munukutla, Conrad Newberry, Nicholas Peppas, Andrew Pytel, Gloria Rogers, Kirk Schulz **2009** Duane Abata, Marilyn Barger, Daniel Budny, David DiBisio, Warren Hill, Jed Lyons, John Orr, P. K. Raju, Joseph Rencis, George Sehi, Sheryl Sorby, Yaman Yener

BENJAMIN GARVER LAMME AWARD

2000 John L. Hennessy, **2001** Leroy L.S. "Skip" Fletcher, **2002** Eleanor Baum, **2003** Winfred M. Phillips, **2004** Stephen W. Director, **2005** Paul R. Gray, **2006** George P. "Bud" Peterson, **2007** Roland Haden, **2008** Ernest Smerdon, **2009** John W. Prados

FREDERICK J. BERGER AWARD

2000 Walter W. Buchanan, **2001** Don K. Gentry, **2002** Jack L. Waintraub, **2003** Patricia L. Fox, **2004** Ronald H. Rockland, **2005** John Stratton, **2006** Harold L. Broberg, **2007** Edward Tezak, **2008** Warren Hill, **2009** Richard Denning

CHESTER F. CARLSON AWARD

2000 Not Presented, **2001** Karl A. Smith, **2002** Cynthia J. Atman, **2003** Deran Hanesian, **2004** Sheri Sheppard, **2005** Sudhir I. Mehta, **2006** Robert P. Hesketh, **2007** Rebecca Richards-Kortum, **2008** Not Presented, **2009** Kamyar Haghighi

DUPONT MINORITIES IN ENGINEERING AWARD

2000 Prateen V. Desai, **2001** Robert N. Braswell, **2002** Sara Wadia-Fascetti, **2003** Bevlee A. Watford, **2004** Gary S. May, **2005** Juan Gilbert, **2006** Mary R. Anderson-Rowland, **2007** Gerhard Paskusz, **2008** Stephanie Adams, **2009** Brenda Hart

CLEMENT J. FREUND AWARD *(presented biennially beginning in 1995)*

2001 Louis Takacs **2003** Tomas M. Akins **2005** Mike Mathews, **2007** Les Leone, **2009** Brenda J. LeMaster

JOHN L. IMHOFF AWARD *(first presented in 2006)*

2006 John White, **2007** Jack Lohmann, **2008** Gavriel Salvendy, **2009** Jose L. Zayas-Castro

SHARON A. KEILLOR AWARD *(first presented in 2001)*

2001 Jeannie L. Darby, **2002** Audeen W. Fentiman, **2003** Jennifer L. Curtis, **2004** Rebecca Richards-Kortum, **2005** Malgorzata S. Zywno, **2006** Sara Wadia-Fascetti, **2007** Julia Ross, **2008** Sue Ann Allen, **2009** Alice C. Parker

MERIAM/WILEY DISTINGUISHED AUTHOR AWARD *(presented biennially beginning in 1993)*

2000 Yunus A. Cengel, **2002** Not Presented, **2004** Not Presented, **2005** Not Presented, **2006** Roger G. Harrison, Paul W. Todd, Scott R. Rudge, and Demetri P. Petrides, **2008** Not Presented

JAMES H. MCGRAW AWARD

2000 John J. McDonough, **2001** Robert English, **2002** Albert L. McHenry, **2003** Walter W. Buchanan, **2004** Robert L. Mott, **2005** Mark A. Pagano, **2006** Michael T. O'Hair, **2007** Warren Hill, **2008** Patricia Fox, **2009** John Stratton

FRED MERRYFIELD DESIGN AWARD

2000 Not Presented, **2001** Steven Nichols, **2002** Clive L. Dym, **2003** Spencer Magleby, **2004** John S. Lamancusa, **2005** Edward Cussler, **2006** Robert Erlandson, **2007** John Enderle, **2008** Linda Schmidt, **2009** Mark Maughmer

NATIONAL OUTSTANDING TEACHING AWARD *(first presented in 2004)*

2004 Stephanie Farrell, **2005** Ralph Flori, **2006** Ronald W. Welch, **2007** Dennis Silage, **2008** Jerry Samples, **2009** Donald Visco, Jr.

ROBERT G. QUINN AWARD *(first presented in 2001)*

2001 Angelo J. Perna, **2002** Robert Hesketh, **2003** David M. Hata, **2004** Charles Ume, **2005** Not Presented, **2006** Stephanie Farrell, **2007** Ann Saterbak, **2008** Not Presented, **2009** Jay Porter

WILLIAM ELGIN WICKENDEN AWARD

2000 Bruce E. Seely **2001** Donald R. Woods **2002** Patrick T. Terenzini, Alberto F. Cabrera, Carol L. Colbeck, John M. Parente and Stefani A. Bjorklund **2003** Richard M. Felder, Gary N. Felder, E. Jacquelin Dietz **2004** Gary S. May and Daryl E. Chubin **2005** Michelle J. Johnson and Sheri D. Sheppard **2006** Barbara M. Olds, Barbara M. Moskal, and Ronald L. Miller, **2007** Robert J. Roselli and Sean P. Brophy, **2008** Cynthia Atman, Robin Adams, Monica Cardella, Jennifer Turns, Susan Mosborg, and Jason Saleem, **2009** Matthew W. Ohland, Sheri D. Sheppard, Gary Lichtenstein, Ozgur Eris, Debbie Chachra, and Richard A. Layton