



**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"



**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