

NEWSLETTER

ANNOUNCEMENT OF YEAR 2014 CoED AWARDS/PRIZES WINNERS

CoED AWARDS/PRIZES

THE HARDEN-SIMONS PRIZE

The HARDEN-SIMONS PRIZE is an annual award for the outstanding *Computers in Education Journal* paper on computational methods and is to commemorate the unselfish contributions of Drs. Harden and Simons to CoED.

Dr. Richard C. Harden, PE, received the BME, BEE, MSE and Ph.D. degrees from University of Florida in 1944, 1956, 1957 and 1961 respectively. A WW II Naval Officer and a USNOTS guidance missile range engineer from 1944-50, he was Chief Engineer at AFMTC, FL from 1950-55. He was a University of Missouri at Rolla Electrical Engineering professor from 1961-67 and Director and Electrical Engineering professor of University of Florida Graduate Engineering Education System (GENESYS) from 1967-72. From 1972-87, he was Electrical Engineering professor and Director of the University of Central Florida South Orlando Campus and until his death, was Professor and Director Emeritus. He authored 100 technical papers, and was a member of Eta Kappa Nu, Sigma Xi, Tau Beta Pi, IEEE, ASEE, SES, NSPE and FES. His honors included Teacher of the Year at UCF and UMR and the John A. Curtis Lecture Award.

Dr. Fred O. Simons, Jr. received his BSEE degree in 1960 from Mississippi State University and the MS and Ph.D. degrees from the University of Florida in 1962 and 1965. He was a faculty member at Mississippi State University, University of Florida, University of Central Florida, and the FAMU/FSU College of Engineering. He was Professor of Electrical Engineering from 1977 to 2004, Director of a Navy Laboratory (1977-78), Chairman of FAMU/FSU (1987-88), Director of FEEDS at FAMU/FSU from 1985 to 2004, and consultant with several industries. He has authored 100+ papers and is a member of Tau Beta Pi, Phi Kappa Phi, Eta Kappa Nu, IEEE, SCS, FES and ASEE. His honors include National Schlumberger Scholarships and Ford Foundation Fellowship Awards, Engineering Teacher of the Year at UCF, John A. Curtis Lecture Award.

The HARDEN-SIMONS PRIZE for year 2014 consists of a Certificate and a cash prize of \$800 to Robert Santucci and Andreas Spanias of Arizona State University for their paper entitled, "Java Functions for Power Amplifier Linearization Techniques", published in the April – June issue.

Previous recipients of the HARDEN-SIMONS PRIZE are:

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| (2013) Erik Cheever and Allan Moser | (1997) Alireza Rahrooh |
| (2012) William P. Fox | (1996) Stephen M. Williams, Robert W. Ashton, and Mark R. Kipps |
| (2011) C.K. Hagigat | (1995) Scott van Tonningen |
| (2010) Srishi Shah, Sumit Tripathi, Leng-Feng Lee and Venkat Krovi | (1994) Alireza Rahrooh and Omid Ansary |
| (2008) Jonathan Hill, Hisham Alnajjar and Saeid Moslehpour | (1993) Alireza Rahrooh |
| (2007) Essaid Bouktache | (1992) Mohammed Dadfar |
| (2006) Ann-Marie Flynn and Mohammad H.N. Naraghi | (1991) Mohammad H.N. Tabrizi |
| (2005) Carlos E. Orozco | (1990) Juan Carlos and Olabe Basogain |
| (2004) Tariqul Haque, and Michael Urbaniak | (1989) Raymond G. Jacquot |
| (2003) John Nydahl, Nance Peck and Scott Morton | (1988) George A. Melhem and Bernard M. Goodwin C.H. Treat |
| (2002) Bruce A. Harvey and Rodney G. Roberts | (1987) James A. Harbach, Raymond G. Jacquot, and John W. Steadman |
| (2001) Gopal B. Reddy | (1986) Raymond G. Jacquot and John W. Steadman |
| (2000) John Nydahl and Nancy Peck | (1985) Raymond G. Jacquot, John W. Steadman, and C. Norman Rhodine. |
| (1999) Alireza Rahrooh and Walter Buchanan | |
| (1998) Heidar A. Malki, Guanrong Chen, Shengyi Hou, and Dennis I. Merino, Edgar N. Reyes, and Carl Steidley | |

THE MERL K. MILLER AWARD

The MERL K. MILLER AWARD is an annual prize for the outstanding *Computers in Education Journal* paper on teaching/instructional methods and is to commemorate the contributions and dedication of Merl K. Miller to CoED.

Born in Burns, Wyoming, Merl Miller graduated from the University of Wyoming with a Bachelor of Science degree in Engineering. In 1969, Merl Miller entered the book publishing business at Prentice Hall. Starting as a sales representative, he rapidly climbed to the position of Editor. In 1973, West Publishers was his next step in publishing, before he founded Matrix Publishers, Inc. in 1975. Matrix Publishers, Inc., which became well known for their microcomputer and engineering textbooks, was established because Merl recognized early the growing need for books on microcomputers. Merl Miller became an ASEE member in 1971 and served CoED in various capacities including Vice-President for Industrial Relations. In 1977 Merl Miller formed *dilithium* Press Ltd., a microcomputer book and software publishing house and has authored a large number of books on the subject of microcomputers.

The MERL K. MILLER AWARD for year 2014 consists of a Certificate and a cash award of \$800 to Nebojsa I. Jaksic, for his paper entitled, “Novel Experiential Learning Practices in Engineering Education Based on Inexpensive 3D Printers”, published in the October – December issue.

Previous recipients of the MERL K. MILLER AWARD are:

(2013) Walter W. Schilling, Jr. and Mark J. Sebern	(1997) Melvin S. Garelick
(2012) Barry E. Mullins	(1996) C. Lin, R.K. Romick-Allen, L. Youn, and C. He
(2011) Jeffrey L. Hieb, Patricia A.S. Ralston and Cathy L. Bays	(1995) Melvin S. Garelick
(2009) Chi Thai	(1994) Edward Lumsdaine and Wen J. Wu
(2008) J.C. LaCombe, A.M. B. Vollstedt and E. L. Wang	(1993) M.S. Garelick, Thomas I. Hemmin Mohammed A. Zahraee, and Gregory Neff
(2006) Owen G. Thorp III, Richard T. O’Brien, Jr.	(1992) Robert L. Norton
(2005) John K. Estell	(1991) Herb Treat
(2004) Richard Layton	(1990) Alan Wasssyng, Samuel Sharp, and Karl Smith
(2002) Barbara Bratzel, Martha N. Cyr and Ben Erwin	(1989) Maurice F. Aburdene
(2001) Bradley E. Bishop	(1988) David L. Whitman and Ronald E. Terry
(2000) R.E. Link, S.M. Miner	(1987) Holly K. Ault and Ronald R. Biederman
(1998) John Watkins, George Piper, E. Eugene Mitchell, and Kevin Wedeward	(1986) Robert L. Norton
	(1985) Leon W. Couch and Charles V. Shaffer.

THE EAI AWARD

The EAI AWARD is an annual prize for the outstanding *Computers in Education Journal* paper on educational applications and mobile instruction innovation and is to commemorate the contributions of EAI (Electronic Associates, Inc.) to the development of CoED.

Electronics Associates, Inc. was founded in 1945 as a leading designer and manufacturer of computer-based simulation systems for design, analysis and training, and data acquisition and control systems. EAI, with products marketed worldwide to the aerospace, electric power and other energy related industries, was the original sponsor of CoED and its predecessor organizations headquartered in West Long Branch, New Jersey.

The EAI AWARD for year 2014 consists of a Certificate and a cash prize award of \$800 to Jeevan F. D’Souza and Andrew D. Reed of DeVry College of New York and C. Kelly Adams of DeVry University Online for their paper entitled, “Selecting Microcontrollers and Development Tools for Undergraduate Engineering Capstone Projects” published in the January – March issue.

Previous recipients of the EAI AWARD are:

(1997) Nicholas M. Karayanakis	(1985) Nicholas M. Karayanakis.
(1989) Edgar Conley and Kenneth Kokser	

THE RAY H. SPIESS AWARD

The RAY H. SPIESS AWARD is an annual prize for the outstanding *Computers in Education Journal* paper on mobile teaching aids and computation techniques and is to commemorate the contributions of Ray H. Spiess and Comdyna, Inc., to the development of CoED.

Born in Cincinnati, Ohio, Ray H. Spiess graduated from Purdue University with a Bachelor of Science in Mechanical Engineering. In 1968, he founded Comdyna, Inc., Barrington, Illinois, a manufacturer of analog/hybrid computing systems. He is credited with the following designs: The GP-6 analog computer, the first general purpose analog computer to utilize the integrated circuit operational amplifier; The Microhybrid I, the first microprocessor based hybrid computing system; Micropatch, a microcomputer controlled electronically patched analog computer. Through Comdyna, Inc., he was one of the original sponsors of CoED.

The RAY H. SPIESS AWARD for year 2014 consists of a Certificate and a cash award of \$800 to Jeffrey Laut, Vikram Kapila, and Maged Iskander of New York University Polytechnic School of Engineering for their paper entitled, “Exposing Middle School Students to Robotics and Engineering Through LEGO and MATLAB”, published in the July – September issue.

Previous recipients of the RAY H. SPIESS AWARD are:

(1990) Nicholas M. Karayanakis

(1988) Nicholas M. Karayanakis

(1987) George E. Abdo

(1986) Samuel J. Lynch

(1985) Raymond G. Jacquot and John W. Steadman.

Computers in Education Division Service Award

The ASEE Computers in Education Division (CoED) Service Award is an Award established in 2014 to recognize long-standing members in appreciation for their many years of dedication and devotion to the Division. The Award consists of a certificate that is presented to the recipient at the CoED Business Meeting held during the ASEE Annual Conference. The first recipient of this Award is Raymond G. Jacquot, University of Wyoming Professor Emeritus of Electrical Engineering.

JOHN A. CURTIS LECTURE AWARD

The John A. Curtis Lecture Award was established by CoED in 1974 as an award for the best paper presented at the CoED sessions of the ASEE Annual Conference. The year 2014 award consists of a Certificate and a cash award of \$800 to Alex Daniel Edgcomb and Frank Vahid of the University of California, Riverside, for their paper entitled, "Effectiveness of Online Textbooks vs. Interactive Web-Native Content".

John Avery Curtis (1909-1988) was born in Brooklyn, New York and received the BA from Yale in 1930. He held public relations, marketing, and executive positions in the entertainment, publishing, communications, and electronics industries and served as vice president and general manager of the marketing division of Electronics Associates Inc. from 1962 to 1968. He was the founding president of a non-profit educational communications network, Center for Excellence, Inc., in Williamsburg, Virginia. He served as Executive Secretary of CoED and its predecessor organizations from 1968 through 1974 and was credited as the key figure in the formation of CoED as part of ASEE. His listings included Who's Who in the South and Southwest.

Previous recipients of the JOHN A. CURTIS LECTURE AWARD are:

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| (2013) Mahnas J. Mohammadi-Aragh and Christopher B. Williams | (1995) Kurt Gramoll |
| (2012) Barry E. Mullins | (1994) John K. Estell |
| (2011) Marcial Lapp, Jeff Ringenberg, Kyle J. Summers,
Ari S. Chivukula and Jeff Fleszar | (1993) Robert L. Avanzato |
| (2010) Thad Welch, Michael Morrow and Cameron Wright | (1992) Richard J. Reid |
| (2009) Thomas Cochrane | (1991) Kyran D. Mish, Stephen P. Hurst, and
T. Joseph Holland |
| (2008) Robert Avanzato | (1990) John R. Zeller |
| (2007) Brianno Collier | (1989) C. Bruce Myers and Tim Grady |
| (2006) Naveen Nattam, Kermin Martinex-Hernandez,
Doug Danforth, Steve Emberton, Ryan Pedela,
Eugene Elkin, Kellen Maicher, Carlos Morales
and Gabriela Weaver | (1988) William L. Cleghorn |
| (2005) Thad B. Welch, Cameron Wright and Mike Morrow | (1987) Val Watson |
| (2004) J. W. Bruce | (1986) George Y. Jumper, Jr. and John J. Titus |
| (2003) Andrew Gavrin, Jeff Watt, Kathleen Marrs and
Robert Blake | (1985) Glen A. Afflerbach, Ronald E. Terry, and
David L. Whitman |
| (2002) John Nestor | (1984) Robert L. Norton |
| (2001) George Piper, John Watkins, Svetlana Avramov
and Carl Wick | (1983) Albert L. Riemenschneider and
Michael J. Batchelder |
| (2000) Brian Stone, Sunill Hirannah, Nathan Scott
and Mohamed Manna | (1982) Richard C. Harden and Fred O. Simons, Jr. |
| (1999) Francois Michaud | (1981) Trevor Mudge |
| (1998) Cameron H. G. Wright and Thad B. Welch | (1980) John W. Steadman, Raymond G. Jacquot, and
Mark N. Hepworth |
| (1997) John Watkins, George Piper, Kevin Wedeward,
and E. Eugene Mitchell | (1979) Dean K. Frederick and Gary L. Waag |
| (1996) Jerry C. Hamann | (1978) C. Norman Kerr |
| | (1977) James L. Lubkin |
| | (1976) Nicholas Perone |
| | (1975) R.V. Houska, M.R. Buric, and S.J. Kahn. |

WOODY EVERETT AWARD

The Woody Everett Award was established by CoED in 1988 for the best paper/presentation/ demonstration at the CoED Poster Session of the ASEE Annual Conference. The year 2014 award consists of a Certificate and a cash award of \$800 to Petr Johanes and Larry Lagerstrom of Stanford University, for their paper “Work-in-Progress: Developing Online Graduate Courses in Electrical Engineering”.

Woodrow W. Everett, Jr., was born in Newton, Mississippi on October 11, 1937, and graduated from Murphy High School in Mobile, Alabama in 1955. He received the BEE degree (1959) from the George Washington University and the MS degree (1965) and the Ph.D. degree (1968) from Cornell University. He is chairman of the Northeast Consortium for Engineering Education (NCEE). His publications include six books in electronics, engineering education, and management and his published papers are in electromagnetics and electronic systems. He was designated Fellow (1976) and Life Fellow (2003) by the Institute of Electrical and Electronics Engineers. He was designated Life Member by the Air Force Association in 1984 and Life Member of the Reserve Officers Association in 1996. He has been a member of ASEE since 1962 with active participation in CoED (and its predecessor organizations); he served as CoED Chairman from 1986 to 1988 and since 1988 has served as CoED Managing Director with oversight of CoED publications. His military service was in the U.S. Air Force; he is a retired colonel. He received the Engineering Alumni Achievement Award from The George Washington University at its 175th Annual Commencement in 1996. The Everett Endowed Chair in the Northeast Consortium for Engineering Education (NCEE) provides infrastructure support to NCEE. The Everett Scholarship Fund in the United Methodist Foundation provides financial assistance to selected entering undergraduates at accredited Colleges and Universities. The Woodrow W. Everett, Jr. SCEE Development Fund Trust provides initial research funding to electrical and computer engineering faculty members with less than five years faculty experience via annual proposal competition at southeastern U.S.A. Institutions. His listings include: Who's Who in America, The American Scientific Registry, Who's Who in Industry and Finance, Dictionary of International Biography, Who's Who in the South and Southwest, Men of Achievement, Who's Who in the World, Who's Who in Technology, Who's Who in Engineering, Notable Americans, Personalities of America, Community Leaders of America, International Who's Who in Engineering, Personalities of the South, Who's Who in the East, Who's Who in Florida, Personalities of the Americas, The Directory of Distinguished Americans, Who's Who in American Education, The International Directory of Distinguished Leadership, American Men and Women of Science.

Previous recipients of the WOODY EVERETT AWARD (identified as the CoED Poster Session Award prior to 1989) are:

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| (2013) Johnè M. Parker, Stephen L. Canfield,
Sheikh Kahaled Ghafoor and Kassy Moy Lum | |
| (2012) Thalia Anagnos, Alicia L. Lyman-Holt
and Sean P. Brophy | (1997) James P. Blanchard |
| (2011) Oscar Antonio Perez, Virgilio Gonzalez,
Michael Thomas Pitcher and Peter Golding | (1996) Essaid Bouktache, Chandra R. Sekhar and
Omer Farook |
| (2010) Sarvesh Kulkarni | (1995) Ronald G. Forsythe and Michael L. Mavrovouniotis |
| (2006) James Reising | (1993) L.D. Thede |
| (2005) Igor Verner | (1992) Peter C.M. Burton |
| (2004) Nicholas Krouglicof | (1991) J.E.D. Geleyn and Robert J. Ferguson |
| (2003) William Cleghorn and Nikolai Dechev | (1990) Peter C.M. Burton |
| (2002) Beth Kolko and Linda Whan | (1989) W. J. King and S.K. Howell |
| (2001) Robert Avanzato | (1988) Helen Kuznetsov |
| (2000) Carl Wick and Kenneth Knowles | (1987) Richard R. Thomas, Donald A. Smith and
William C. Porter |
| (1999) Wayne Padgett | (1986) Arthur Johnson |
| (1998) Devdas Pai, Ajit Kelkar, Richard A. Layton,
Mark Schulz, DeRome Dunn,
Samuel Owusu Ofori and Abjijit Duraphe | (1985) J. Jeswiet
(1984) David B. Meredith
(1983) David L. Huggins and Roy E. Myers. |