



Special points of interest:

- Dr. Les Leone Retires
- ASEE Pittsburgh Looks Great!
- Award Winners Highlighted

Newsbriefs
Spring 2008

<http://www.profpractice.gatech.edu/ced/>

Conferences...Conferences !!!!!

PAST

CIEC 2008 New Orleans!!!!

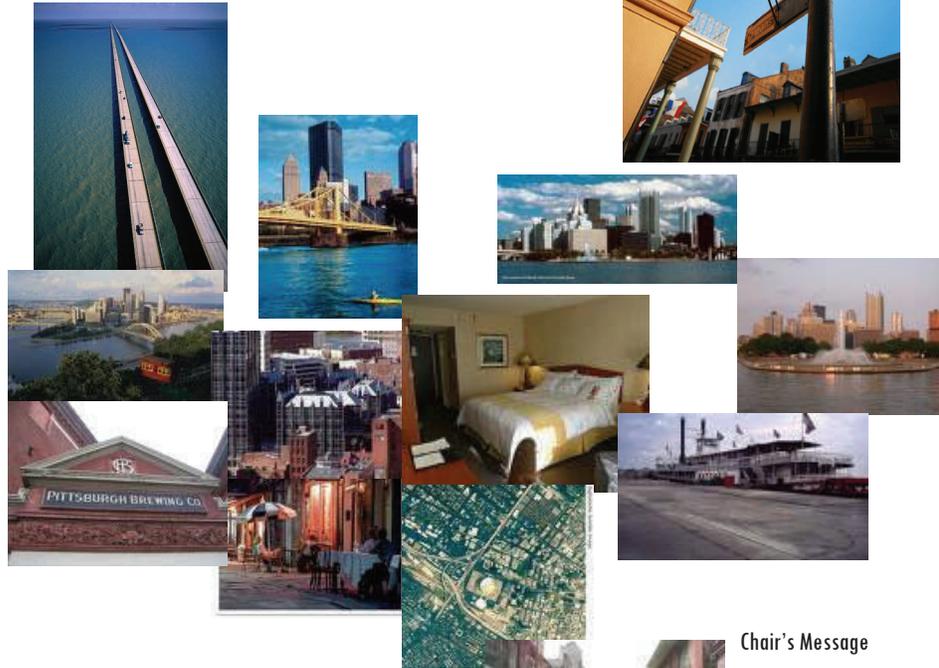
What a conference! - Details inside.



ALMOST PRESENT

ASEE 2008 Pittsburgh

Only a little while away!



FUTURE

CIEC - Orlando

February 4-6, 2009

**Engineering Magic: Partnerships
for the 21st Century**

Get it on the calendar!



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Chair's Message

Susan Matney

Thanks to the CIEC 2008 Management Team, especially Catherine Rooney. It was an outstanding conference program that included enthusiastic participation by all in attendance. Our first time attendees to CIEC brought new ideas and volunteers for the future. These new colleagues in the field will help us improve CED's efforts to recruit and involve other new members.

We welcome to the CED Board of Directors Ken Little of Georgia Tech as Treasurer and Bob Raybits of Northrop Grumman as Industrial Representative. Deanna Dunn of the University of Akron will serve as Committee Chair for Communications/Public Relations/ Employer Relations.

Congratulations to Sheri Dressler, our new Research Committee chair. Dr. Dressler was recognized at the CEIA Annual Conference in March as the 2008 Dean Herman Schneider award recipient.

Great respect and appreciation goes to Louise Carrese and Harold Simmons, the 2009 CIEC Co-General Conference Chairs and Lynn Hansen, the CED Program Chair. We will hear more about ways to be involved with the program in the near future. Mark your calendars now for CIEC in Orlando, FL, February 4-6, 2009. Call a few colleagues in your state to encourage them to begin planning to attend CIEC.

It is an honor to serve the Cooperative Education Division this year as Chair. It is an impressive list of highly qualified individuals who have served as CED Chair in the past. I will definitely need a lot of help!



Past Chair's Message

Ray Easterlin

It has been my pleasure to serve as Chair of CED this past year. I think that we had a very good year and an outstanding conference in New Orleans. Board members, committee chairs and numerous members have worked hard and contributed significantly to the ongoing success of CED. Much work has gone into many areas including membership, awards, the annual conference, the directory, research, communications, marketing, professional services and the newsletter. The hard work and commitment of our many volunteer members is inspiring and commendable.

In addition to addressing these areas of ongoing importance to CED, I established two primary goals for my year as Chair. The first goal was to increase membership and the second to increase conference attendance. The goals were established as a result of membership remaining stagnant for several years (but with seemingly fewer people getting involved) and with conference attendance declining every year for the past 4 years from 100 to 51 for CED attendees. The result at the end of the year was that membership is still about the same but we had a nice jump in conference attendance. The increase of CED affiliated folks attending CIEC increased from 51 to 97.

Needless to say, these goals continue to be important to the future of CED. The board has discussed these issues and will continue to do so in the coming year. In addition, a Strategic Planning Committee was formed in Fall 2007 for the purpose of addressing these issues and making specific recommendations to the board.

The Strategic Planning Committee consists of Helen Oloroso, Bryan Dansberry, Stacey Givens, Louise Carrese, Rob Rogers and me. The committee has begun the process of making recommendations to the board and will continue the process at the next meeting in May. The board has been receptive to the initial recommendations and more specific information should be available soon. It is the committee's goal to make recommendations that will benefit the organization both in the short-term and the long-term.

It is vital that we find a way to get more professionals, both on the academic and employer sides, involved in CED. We also need to get more young professionals involved so we can learn and benefit from each other.

I'm looking forward to the coming year and working with the 2008-09 board, committee chairs and members.

Best wishes for a great summer and I hope to see you at CIEC in Orlando in 2009.

COOPERATIVE EDUCATION DIVISION/ASEE EXECUTIVE BOARD ROSTER 2008 - 2009

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Paul Plotkowski Grand Valley University / Academic 2009

Stacey Givens Adtran / Industrial 2009

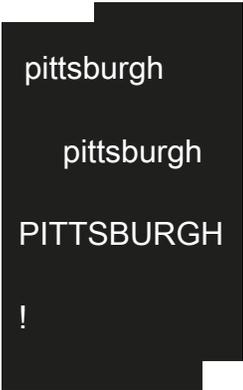
Brian Dansbury University of Cincinnati / At-large 2010

ASEE 2008—Pittsburgh

Mark June 22nd - 26th on your calendar for Pittsburgh. The city is going to roll out the red carpet for well over 3,400 convention goers to enjoy the hospitality, good cheer, and wonderful sites of America's Most Livable City. Be ready to sample the cuisine of the many ethnic neighborhoods, go to a baseball game, or cruise up and down the rivers. Pittsburgh and ASEE are waiting to make this summer's vacation/convention rendezvous a trip to remember.



Advertising



ASEE 2008



Opportunity

If you are planning on being in Pittsburgh for ASEE 2008, there is an opportunity to display materials involving your programs, upcoming conferences, or materials that can focus attention on co-op. This opportunity involves a poster session on Wednesday June, 25 2008 from 8:30 a.m.-10:15 a.m. We had not scheduled any specific posters for this time period, and I was expecting that we would use the space to advertise for CIEC and other CED related items. So if you have things that you would like to display during this time period, send me word and we will coordinate the activity.

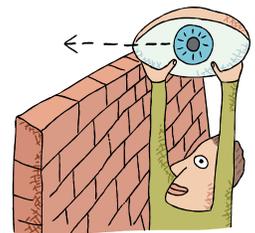
Craig Gunn
gunn@egr.msu.edu



Start packing the luggage for the 2008 Annual Conference of The American Society for Engineering Education. CED will have its presence shown in a variety of sessions, representing issues focusing on cooperative education.



SEE YOU IN PITTSBURGH!!!!



Sessions - ASEE 2008 Cooperative Education Division

1311 Cooperative Education and Engineering Monday June 23, 2008 10:30 a.m.

THE ACADEMIC VALUE OF COOPERATIVE EDUCATION: A LITERATURE REVIEW Tylisha Baber Michigan State University Norman Fortenberry National Academy of Engineering

THE ROLE OF CO-OP EXPERIENCE IN ACHIEVING ENGINEERING EDUCATIONAL OUTCOMES Jacqueline El-Sayed Kettering University

COOPERATIVE EDUCATION: A COMPUTER SCIENCE PERSPECTIVE Anthony Joseph Pace University Mabel Payne New York City Department of Education

2411 Issues of Cooperative Education I Tuesday June 24, 2008 12:30 p.m.

PRELIMINARY FINDINGS FROM A QUANTITATIVE STUDY: WHAT ARE STUDENTS LEARNING DURING COOPERATIVE EDUCATION EXPERIENCES? Olga Pierrakos James Madison University Maura Borrego Virginia Polytechnic Institute and State University Jenny Lo Virginia Polytechnic Institute and State University

THE EFFECT OF COOPERATIVE EDUCATION ON SELF-EFFICACY AMONG UNDERGRADUATE ENGINEERING STUDENTS Joe Raelin Northeastern University Jerry Hamann University of Wyoming David Whitman University of Wyoming Rachelle Reisberg Northeastern University

SYSTEMS DESIGN USING REAL-WORLD EXPERIENCES WITH INDUSTRY ROBERT GRAY Penn State Erie

2511 Issues of Cooperative Education II Tuesday June 24, 2008 2:15 p.m.

DIRECTED ENERGY INTERNSHIPS: A COOPERATIVE ENGINEERING EDUCATION PROGRAM IN DOD SCIENCE, TECHNOLOGY, AND ENGINEERING WITHIN THE AIR FORCE INSTITUTE OF TECHNOLOGY Marken Houle Air Force Institute of Technology Salvatore Cusumano Air Force Institute of Technology Steven Fiorino Air Force Institute of Technology Richard Bartell Air Force Institute of Technology Matthew Krizo Air Force Institute of Technology Robert Hengehold Air Force Institute of Technology

INTERACTIVE LEARNING IN ENGINEERING EDUCATION Jean-Claude Thomassian State University of New York, Maritime College Anoop Desai Georgia Southern University Patrick kinnicutt Central Michigan University

INDUSTRY AND EDUCATION: INTERNAL COMMUNICATION SKILL BUILDING ENHANCES THE COOPERATIVE EDUCATION EXPERIENCE Craig Gunn Michigan State University

3411 Global Cooperative Education Wednesday June 25, 2008 12:30 p.m.

MODELS ON INDUSTRY AND UNIVERSITY GLOBAL COLLABORATION THROUGH CO-OP AND INTERNSHIPS Thomas Akins Georgia Institute of Technology Debbie D. Gulick Georgia Institute of Technology Jack Lohmann Georgia Institute of Technology

A NEW ASEE DIVISION IS NEEDED FOR ENGINEERING SERVICE LEARNING Aiman Kuzmar Pennsylvania State University-Fayette

Debriefing

33rd Annual ASEE

Conference for Industry and Education Collaboration 2008

“Securing Our Engineering Future”

(Check out pictures of CIEC 2008 at

<http://www.egr.msu.edu/~gunn/Photos%20CIEC%202008/>

If you were lucky enough to attend the 33rd Annual ASEE CIEC conference in New Orleans, you know what a fantastic time all the conference goers had. Colleagues from across the nation and abroad gathered for education, networking, and many other diversions. Pre-conference workshops on Successful Grant Writing, and mapping out the Pathway to Success: Driving your Co-op Program to Your Desired Destination: success provided valuable insights for first timers and hardened seniors.

The inspiring words about the rebuilding of New Orleans from people who actually lived through the tragedy and stayed to bring Tulane and the University of New Orleans back on track were absolutely unbelievable. Conference goers also heard about new educational initiatives from Washington’s point of view, and engineering in the year 2020 from the Dean’s point of view. It was a valuable experience in conference going.

On the lighter side conference goers were able to Stroll along the vibrant French Quarter streets passing Cajun, French, and Brennan Family eateries (I think everyone ate to his or her heart’s delight—but what happens in New Orleans stays in New Orleans). Everyone swayed to jazz and Zydeco tunes, rode the Creole Queen for a Valentine’s Day Cruise, and enjoyed the early evening along the Mississippi River.

2008 CIEC proved to be a hit with all the attendees. Sightings of Nicolas Cage and Charles Barkley added to this sentiment along with the visual delights of the city, the bignettes across from the cathedral at midnight, and the frenetic energy swirling around one on Bourbon Street.

Everyone involved in the planning and execution of the conference needs to receive email proclaiming a resounding, “THANKS!”

Catherine Rooney, Louise Carrese, Harold Simmons, Luther Epting, Linda Krute, Helene Dumont, all the presenters and moderators, and everyone who contributed to this wonderful experience.....



THANKS!

Take a look at what was offered; and if you have questions, contact the presenters.

CIEC/CED 2008 Recap

Program Chair Report

Catherine Rooney

We had 2 pre-conference workshop offerings for the early birds:

How to Write a Successful Research Grant, a joint session with ETD

The Pathway to Success: Driving Your Co-op Program to Your Desired Destination:

CED Sessions:

- Co-op's Response to the Margaret Spellings Report with Kettil Cedercreutz and Cheryl Cates, University of Cincinnati, responded to the findings regarding the future of U.S. Higher Education, student learning, accountability, innovation, transparency and recommendations for future improvements in dramatic ways.
- The Future of NASA's Higher Education Employment Program with Brian Dansberry, embedded at NASA, and a NASA panel provided an overview of their higher education experiential programs. This was a two-part session with audience participation expected and encouraged.
- Using Co-op Outcomes as an Outreach and Retention Tool, with Donna Hewett, as part of a STEM grant at University of Kentucky from the NSF to improve math and sciences education for the future of Appalachia.
- The Art of Partnerships: Developing and Maintaining an Effective Employee/ Employer Advisory Board with Robert Raybits, Northrop Grumman and Louise Carrese, Rochester Institute of Technology, developing an employer advisory board and discussing strategies used to maintain partnerships with the future in mind.
- Ethics and Engineering Technology a joint session with Tom Dobrowski, Purdue and William Class, Weber State, a joint session with ETD, discussed introducing ethics into engineering technology curriculum and into hiring criteria for employers.
- Comprehensive Experiential Learning: Helping Co-op Thrive in an Academic Environment with Sheri Dressler, University of Central Florida, how expanding the forms of experiential learning options impact, pro and con, the future of co-op.
- Influences on Faculty Engagement in Cooperative Education, by the CED award winning grant writer Bernadette Friedrich, Michigan State University, identifying characteristics of faculty that exhibit strong co-op engagement vs. less involvement.
- National Academy 2020—Engineering Skills Needed for the Future with Paul Plotkowski, Grand Valley State University and Jeffrey Ray, Southern Polytechnic Institute, highlighting the importance of experiential learning in attracting and preparing our future generation into the field of engineering..

Dr. Les Leone retires after 37 Years of Exceptional Service to Students

Les Leone, the 2008 winner of the Withrow Student Service Award and assistant dean for undergraduate studies, has held almost every student service position in the college, bringing innovation and excellence to each. Over a 37-year span, he has assisted over 10,000 Spartan Engineers in the pursuit of their degrees and careers.

People say, “With Les, the students always come first.” Co-workers view him as an excellent leader whose work ethic cannot be matched. He is known as a “walking encyclopedia of engineering academic history and university policies.” Bernadette Friedrich, Director of Student Advancement in the Center for Spartan Engineering, says, “He has been a mentor to me, encouraging me to cultivate my skills and explore professional and academic opportunities within MSU and beyond. He is also a mentor to others at MSU and in the co-op profession. Many of my colleagues here and around the country seek him out for career advice.”

When he became director of Applied Engineering Sciences, Leone breathed new life into the program, creating an alumni advisory board, successfully initiating a program endowment fund, and working toward a possible first-time ABET accreditation visit in 2010. He is co-author of the best-selling freshman textbook, *Engineering Your Future*. Through an introductory course he developed and has taught for more than 15 years, "Engineers and the Engineering Profession," he has helped hundreds of students to understand the many aspects of engineering and choose a focus for their own studies.

As director of cooperative engineering education for 20 years, Leone coordinated the needs and interests of 400 co-op students in nine engineering majors with more than 200 employers annually. He has received the American Society of Engineering Education's Alvah K. Borman Award and the Clement J. Freund Award for meritorious contributions to engineering cooperative education. He also received the Michigan Council for Cooperative Education's Don Hunt Service Award for outstanding leadership in Michigan cooperative education, as well as MSU's Distinguished Academic Staff Award.

Tom Wolff, associate dean for undergraduate studies, says that “For the past 37 years, the college has had the good fortune of being able to count on Les's generosity and willingness to go the extra mile to do the right thing. We will truly miss him and his cheerful, ‘can-do’ spirit. Leone's resume paints the portrait of a man who has dedicated his entire professional life to the College of Engineering and its students. The impact of his devotion will be a guiding force well into the future.”

Second Harvest Food Bank Donation

It is customary for the CED Chair to present a small gift to the Board members in appreciation of their service to the organization. It is also customary for the outgoing Chair to receive a gift along with the plaque at the annual conference.

However, since CIEC was held in New Orleans this year I wanted to do something different. I decided to use the money normally spent on Board gifts and on my gift as the 2007-08 Chair and donate it to a good cause.

As we all know, New Orleans and the surrounding areas were devastated by Hurricanes Katrina and Rita in 2005. Because of the ongoing need for assistance, I decided to use the gift money and make a contribution to the Second Harvest Food Bank of Greater New Orleans and Acadiana (\$550).

Second Harvest Food Bank of Greater New Orleans and Acadiana (no-hunger.org) provides food to over 180 non-profit agencies throughout its 23-parish service territory from the Mississippi border to the Texas state line. Through its member agencies and its feeding programs, the food bank serves nearly 250,000 people annually and distributes food to provide an estimated 63,000 meals each week.

The good folks at Second Harvest were very thankful for the donation and I, in turn, am appreciative of the Board's understanding and support of this action. It's money well spent.

Ray Easterlin
CED Past-Chair



News from the CO-OP Troops (See below)

CEIA Research Grant – 2008 (Update)

The Cooperative Education and Internship Association has established grant funds of \$8,000 to support research (**please note that the funds have increased from \$6,000 to \$8,000**). It is expected that two or three grants will be awarded depending on the quality and quantity of proposals submitted.

The application deadline is **June 1, 2008**. Applicants do not have to be members of CEIA to apply.

For further details and application information, go to ceiainc.org and click on Research and then Research Grant.

Additional inquiries may be sent to Ray Easterlin, CEIA Research Committee, at easterlin@mail.utexas.edu.

Send News!
gunn@egr.msu.edu

Looking for pictures from CIEC 2008? They along with many years before can be found at

<http://www.egr.msu.edu/~gunn/Photos%20CIEC%202008/>
and at

<http://www.egr.msu.edu/~gunn/ced1.html>

Enjoy!

Continuing Request from the Editor

Every newsletter that I have ever read has information provided by the membership that includes news of promotions, retirements, awards, and special co-op activities that everyone would like to hear about. With that said, I hope that you will take the time to send me notices of good things happening across the country in your work and life that you will share with others. Please send to gunn@egr.msu.edu.

On another note, I would really like to encourage a group of individuals to volunteer to become “cub reporters” for *Newsbriefs*. Their job would be to report on co-op happenings in their sections of the country. Interested? Send email to gunn@egr.msu.edu

A Conference Possibility

Find below the Call for Proposals for the 32nd annual conference of the New England Association for Cooperative Education and Field Experience, October 26-28, 2008 at the oceanfront Radisson Plymouth Harbor in historic Plymouth, Massachusetts.

Come for the professional development and present to and learn from our colleagues in experiential education.

Come for the history and see Plymouth Rock, visit the Mayflower, and explore the area that hosted the Pilgrims' first Thanksgiving.

Come for the beauty and enjoy the seaside setting and Autumn in New England.

Experience the New World of Trends, Tools and the Economy!

Kate Moore

North America Senior Manager

EUSA - Academic Internship Programs

tel: 617.267.2121

fax: 617.267.2160

kate.moore@eusa-edu.com

<http://www.eusa-edu.com>

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New England Association for Cooperative Education and Field Experience

Call for Proposals

32nd NEACEFE Fall Conference

October 26, 27, 28, 2008

Radisson Hotel Plymouth Harbor, Plymouth, MA

"A New World:

Trends, Tools and the Economy"

Keynote: Paul Harrington, Ed.D.

Economist

Center for Labor Market Studies

Northeastern University

Program Proposal

Name: _____

School/Organization _____

Address: _____

Telephone: _____ Fax: _____

E-Mail: _____

***Please note: All presenters must be conference registrants.**

PROPOSED WORKSHOP SESSION TITLE:

INTENDED AUDIENCE: *Please check all that apply.*

_____ 4-year College

_____ Co-op Program

_____ Career Services

2-year College Internship Program Community Organizations
 Secondary Ed Teachers/Faculty Other: _____
 Employers Guidance Counselors

CO-PRESENTER(S): (If Applicable)

Name/Title: Name/Title:

Organization: Organization:

Address: Address:

Phone: Phone:

E-mail: E-mail:

AUDIO/VISUAL NEEDS:

Please select the A/V equipment that you will need for your presentation.

- Be prepared to bring a laptop. Unfortunately, we cannot guarantee the availability of equipment.
- Please specify any other audio/visual needs or special equipment that you will need.
- Please request audio-visual equipment only when necessary.

Flip Chart Overhead Projector Video Player
 Power Point/Online Access Other (Please specify) _____

First-time presenters, seasoned speakers, NEACEFE members and non-members: Consider proposing a workshop on current trends and tools used in experiential education to address the needs of employers or internship coordinators.

- Best practices
- Assessing quality work based learning
- Creating an online presence for your office
- Changing student demographics
- Utilizing online communities like Facebook, MySpace and LinkedIn
- International programs
- Workforce development through experiential education
- Employment and economic factors

SESSION DESCRIPTION:

Briefly summarize your topic and the material to be covered. Please include main topic, primary goal or purpose, learning objectives and the format/style to be used (lecture, discussion, demonstration, experiential activity, panel, etc.). Please use additional pages if needed.

Please submit your proposal by August 1, 2008 to

Joan Milnes, Director of Internships and Career Services

Montserrat College of Art

23 Essex Street, P.O. Box 26

Beverly MA 01915

Phone: 978-921-4242, x1610

Fax: 978-922-4268

jmilnes@montserrat.edu

Co-op Student of the Year Award

2008 CED Student of the Year Nominations

Zachary Adams	North Carolina State	GlaxoSmithKline
Raymond Andrews	Northeastern University	NASA
Rex Bennett	Purdue University	Robert Bosch LLC
Jeff Blair	Grand Valley State	Shape Corp.
Kirk Deligiannis	Stevens Institute of Tech	Picatinny Arsenal
Scott Eschkenazi	University of Pittsburg	Accenture II P
Hillary Holback	University of Tennessee	Eastman Chemical
Richard "Reeve" Ingle	Georgia Tech	NASA
Neil Pfeiffenberger	Pennsylvania State	Dupont
Michael "Cody" Mitchell	University of Alabama-Hsv	Mentor Graphics
Joni Stegeman	Northwestern University	Ethicon Endo-Surgery

2008 ASEE CED STUDENT OF THE YEAR



Richard "Reeve" Ingle

Reeve is a senior electrical engineering major with a minor in Spanish and a 4.0 cumulative GPA at the Georgia Institute of Technology in Atlanta, GA. Reeve has completed 4 work terms for the NASA Johnson Space Center in Houston, TX. Additionally, he completed an internship this past summer with the Department of Defense. As a co-op student at NASA, Reeve has worked on a variety of projects including designing a dashboard display unit and developing an RF spectrum map for SCOUT Project (NASA's "moon-buggy" robot rover), training to become a back-room flight controller in Mission Control Center, developing electrical systems drawings for the International Space Station Japanese Experiment Module, and investigating methods of cleaning clothing in space. He was selected as the only co-op to support NASA robotics field testing at Meteor Crater, AZ in Fall 2006.

Reeve possesses a unique combination of communication, people, and technical skills as exemplified by the diversity of engineering, community service and leadership activities that he has been and continues to be involved in. Reeve studied abroad in Mexico City and Madrid in Summer 2004 and worked as a Teaching Assistant in Mexico City in Summer 2006. He has done undergraduate research in the Georgia Tech Optics Lab and worked as a Mathematics Department Teaching Assistant. Reeve has been actively involved with Eta Kappa Nu Electrical Engineering Honor Society, Tau Beta Pi Honor Society, IEEE, Christian Campus Fellowship, and intramural sports. In addition to being involved on-campus, Reeve is also actively involved in the community. He was a mentor for the NASA Explorer Schools Reduced Gravity Program and a Texas Aerospace Scholars Volunteer Leader. He has served as a Committee Chair for Tech Beautification Day and the TeamBUZZ Volunteer Service Organization, tutored students with disabilities, and received the 2003 Carroll County Outstanding Service in Historical Preservation Award for design of the Carrollton Mainstreet Association website. Additionally, Reeve earned the Eagle Scout rank and received a state Boy Scout award for rescuing a person with a broken leg in the Smoky Mountains. As one of Reeve's supervisors at NASA noted, "I cannot overemphasize how exemplary Reeve was in every facet of his tour in ER (at NASA)... Reeve truly was one of the most outstanding co-ops I have ever worked with."

Alvah K. Borman Award - Craig Gunn, Michigan State University

Craig Gunn is the Director of the Communication Program in the Department of Mechanical Engineering at Michigan State University. He has spent 37 years in the field of education, teaching in both the K-12 public school and the university systems. As a committed member of the co-op community, Craig Serves as editor of the MC-ICE Co-op Courier for the Michigan Council for Internships and Cooperative Education and since 1997 has been the editor of CED's Co-op Newsbriefs. He has worked tirelessly as the media coordinator for the annual CIEC. Craig has made presentations at regional and national meetings and contributed significantly to the long-range planning activities of CED. In his "real" job at Michigan State University, he provides expertise in the writing program within the Department of Mechanical Engineering and lends support to faculty in the area of communication.. In order to provide assistance to prospective engineers, he is a co-author of the best selling book on freshmen orientation to engineering life, *Engineering Your Future*. An all around "good guy," Craig Gunn is well deserving of this prestigious award.

For his contribution to cooperative education, CED is proud to honor Craig Gunn with the 2008 Alvah K. Borman Award.

Lou Takacs Award - Frank Meledandri, Curtis-Wright

In the world of co-op, a good employer is worth his weight in gold. For so many years, Pitt and other lucky institutions have been blessed to have Frank Meledandri and a committed company like Curtiss Wright. Curtiss Wright is world leader in the design, engineering, manufacture and service of critical function, electro-mechanical products such as reactor coolant pumps, motors, electrical generators, and secondary propulsors. Most products are used primarily in the navy nuclear and commercial utility industries.

Frank Meledandri, although an engineering manager and busy in his own right, had taken on the ownership of the co-op program many years ago. With Frank, the student is first. The assignment must be meaningful and challenging; if there are ever any problems, the student knows there is an open door to Frank's office. Frank will not put a student with a mentor who is too busy or who does not give the student in-depth work. If Frank has any concerns at all about a student, whether it is a health issue, personal problem, or work related problem, you can be assured that you will receive a phone call so that you can discuss it with him. He always tries to do right by the student, and give them the benefit of the doubt.

Frank has had his share of excellent co-op students from Pitt, and I am sure from other institutions as well, but one of the most wonderful things about him is that he understands that some students might not be smooth, might not have several job offers from which to choose, might not even have the best of grades...and yet, he realizes that they deserve a chance. He and others at Curtiss Wright are willing to give those types of students a chance as well as the top level students. Frank also employs a variety of engineering types. While Curtiss-Wright is a virtual mecca for mechanical and industrial engineering students, electrical, engineering physics, materials, and civil engineers have also had excellent experiences.

Believe it or not, we at Pitt have been working with Curtiss Wright and Frank Meledandri since 1991. By word of mouth, Curtiss Wright has become one of our most popular co-op employers. Through the years, they have hired 96 Pitt co-op students. They also work with other co-op universities, and Frank always makes sure that they register with the co-op office! Another part of the co-op culture at Curtiss Wright is the end of term presentations made by co-op students to the management, including the vice-president of the company. Students detail their projects and ask questions of the managers. The projects are important and meaningful.

Curtiss Wright maintained their co-op program even during times when they were unable to hire after graduation. They just believed in the concept of students learning through practical application. Nowadays, they are able to offer full-time employment to their co-ops, and the program is even expanding. From the top down, the people at Curtiss-Wright have committed to co-op...and much of that has to do with the commitment shown by Frank Meledandri.

The future is in their hands.

We provide the guidance and the compassion!



Our future will be in their hands when we need guidance and compassion!



2008 CIEC

Hotel Monteleone

New Orleans, Louisiana



2008 AWARDS LUNCHEON

Alvah K. Borman Award

Lou Takacs Award

Co-op Student of the Year

Chairman Awards

COOPERATIVE EDUCATION DIVISION

The Cooperative Education Division (CED) of the American Society of Engineering Education (ASEE) grew out of the Association of Co-operative Colleges that was established in 1926. In 1929, the Division on Cooperative Engineering Education was formed within the Society for the Promotion of Engineering Education (SPEE). This division evolved into CED when SPEE changed to ASEE in 1946.

CED is dedicated to the improvement and furtherance of cooperative education in engineering and engineering technology. Governed by an Executive Board elected by the membership, CED provides leadership to the entire field of Cooperative Education. It is one of the sponsoring divisions of the mid-winter Conference for Industry and Education Collaboration.

The elected officers of CED are the Chair, Chair-Elect, Secretary, and Treasurer. These officers comprise the Executive Committee and conduct business for CED with the support of the Executive Board. Committees provide guidance in the areas of employer relations, communications, membership, public relations, programs, nominations, awards, research, and professional services.

2008 CED AWARDS LUNCHEON

Hotel Monteleone

February 14, 2008

Program

Welcome

Luncheon

AWARDS PRESENTATION:

Chairman Awards

Lou Takacs Award

Curtiss-Wright Corporation

Frank Meledandri

Co-op Student of the Year

Richard "Reeve" Ingle

Georgia Tech/NASA

Alvah K. Borman Award

Craig James Gunn

Michigan State University

ALVAH K. BORMAN AWARD PAST AWARDEES

1979	Alvah K. Borman Stewart B. Collins Henry Hutton	Northeastern Drexel University General Electric
1980	John L. Campbell	Union Carbide
1981	Donald W. Lyon Frank Vandergrift	Dupont Auburn University
1982	J. Odell Jones Jack LeMay	Univ of Tennessee-Martin Union Carbide
1983	Robert Heyborne Pat Clark	Univ of the Pacific NASA - Langley
1984	Wayne Bogener	Caterpillar
1985	Harold B. Ratcliff Richard S. Rice	Bradley University Diamond Shamrock Corp
1986	Donald R. Burrowbridge Luther B. Epting	University of Akron Mississippi State
1987	Jack M. Mangham David R. Opperman	Georgia Power University of Illinois
1988	Elizabeth Corlew	Univ of Tennessee
1989	Donald Commiskey R. Neal Houze	Dupont Purdue University
1990	J. Donald Douglas William H. Hitch	National Security Agency Georgia Tech
1991	Betty W. DeVinney William T. Padgett	Tennessee Eastman Co Auburn University
1992	Rebecca J. Simon Louis Takacs	University of Illinois Dupont
1993	Evelyn D. Harris Jack D. Leer	NASA - Langley Drexel University
1994	Mary Jo Fairbanks	Syracuse University
1995	E. Sam Sovilla	University of Cincinnati
1997	J. Mike Mathews Mary Gordon Pawlawski	Mississippi State The Southern Company
1998	Thomas M. Akins William D. Taylor	Georgia Tech University of Alabama
2000	Lorraine Bortz	George Washington Univ
2001	Brenda J. LeMaster	University of Cincinnati
2003	Richard J. Abel Les L. Leone	University of Cincinnati Michigan State University
2004	Walter Odom	University of Tennessee
2005	Patricia Bazzrod	St. Joseph's University
2006	Maureen Barcic	University of Pittsburgh
2007	Robert Tillman	Northeastern University

The American Society for Engineering Education presents the Clement J. Freund Award biennially at their summer meeting. It is conferred upon an individual for outstanding contributions to the aims and ideals of cooperative education. The award consists of a plaque, a framed certificate, an honorarium of \$2,000, and travel expenses to the ASEE Conference.

CLEMENT J. FREUND AWARD PAST AWARDEES

1979 - Clement J. Freund
1980 - Cornelius Wandmacher
1981 - James G. Wohlford
1982 - Stewart B. Collins
1983 - Frank Vandergrift
1984 - Donald C. Hunt
1985 - Roy L. Woolridge
1986 - Robert L. Heyborne
1987 - David R. Opperman
1988 - Elizabeth M. Corlew
1989 - Donald R. Burrowbridge
1990 - R. Neal Houze
1991 - Luther B. Epting
1992 - William T. Padgett
1993 - Donald W. Lyon
1994 - Not Presented
1995 - E. Sam Sovilla
1996 - Not Presented
1997 - Jack E. LeMay
1998 - Not Presented
1999 - Mary Jo Fairbanks
2000 - Not Presented
2001 - Louis Takacs
2002 - Not Presented
2003 - Thomas M. Akins
2004 - Not Presented
2005 - Mike Mathews
2006 - Not Presented
2007 - Les Leone



Craig James Gunn
Michigan State University

Craig Gunn is the Director of the Communication Program in the Department of Mechanical Engineering at Michigan State University. As a committed member of the co-op community, Craig serves as editor of the *Co-op Courier* for the Midwest Cooperative Education Association and since 1997 has been the editor of CED's *Co-op Newsbriefs*. He has worked tirelessly as the media coordinator for the annual CIEC. Craig has made many presentations at regional and national meetings, and contributed significantly to the long-range planning activities of CED. In his "real" job at Michigan State, he provides expertise in the writing program within the department of mechanical engineering and lends support to faculty in the area of communications. An all-around "good guy," Craig Gunn is well deserving of this prestigious award.

For his contributions to cooperative education, CED is proud to honor Craig Gunn with the 2008 Alvah K. Borman Award.

THE ALVAH K. BORMAN AWARD

This award honors Alvah K. Borman, Dean of Graduate Placement Services, Northeastern University, for his numerous outstanding contributions to engineering cooperative education over many years, including the founding and editorship of the *CED Newsbriefs* from 1969 until his death ten years later.

The Division allows for the presentation of up to two awards each year to Division members, past or present, who have made sustained, honorable, and meritorious contributions to the promotion of the philosophy and the practice of cooperative education in engineering an/or engineering technology.

Nominations are made in the fall of each year, with the award being presented at the mid-winter meeting of the CIEC. The award consists of a \$500 honorarium, a plaque, and a certificate of achievement.



*Richard "Reeve" Ingle
Georgia Tech/NASA
National Co-op Student of the Year*

Reeve is a senior electrical engineering major with a minor in Spanish and a 4.0 cumulative GPA at the Georgia Institute of Technology. Reeve has completed 4 work terms for NASA Johnson Space Center: Mission Operations Directorate (1st), Avionic Systems Division (2nd & 4th) and Automation, Robotics and Simulation Division (3rd). As a co-op student at NASA, Reeve has worked on a variety of projects including designing a dashboard display unit and developing an RF spectrum map for SCOUT Project (NASA's "moon-buggy" robot rover). He wrote a technical report on space exploration research and presented at the AIAA (American Institute of Aeronautics and Astronautics) Banquet in Spring 2005, and he was selected as the only co-op to support NASA robotics field testing at Meteor Crater, AZ in Fall 2006.

Reeve has been actively involved with Eta Kappa Nu Electrical Engineering Honor Society, Tau Beta Pi Honor Society, IEEE, Christian Campus Fellowship, and intramural sports. As one of Reeve's supervisors at NASA noted, "I cannot overemphasize how exemplary Reeve was in every facet of his tour in ER (at NASA), and give him our unqualified strongest recommendation for his work here. Reeve truly was one of the most outstanding co-ops I have ever worked with, and I am glad to have had the opportunity to have worked with him."

CO-OP STUDENT OF THE YEAR PAST WINNERS

Year	Student	Major	School	Employer
2006	Marvin Barnes	ChE	UA-Huntsville	United Space
2005	Dan Mirola	CS	Stevens Inst	Siemens
2004	Micah Adams	CE	Ms. State Univ	Corps of Eng.
2003	Matthew Harris	BME	Northwestern	Medtronic, Inc
2002	Kristy Petrosky	IE	U of Pittsburgh	Delco Electronics
2001	Brian Rugg	IE	Georgia Tech	ChoicePoint
2000	Jelena Tudman	CHE	U of Pittsburgh	E.I. DuPont
1999	Galen Rasche	EE	U of Kentucky	Lexmark Int'l
1998	Michael Ngo	Business	Drexel Univ	IBM Corp
1997	Fraya Kaufman	EE	Northeastern Univ	Analog Devices
1996	Chris Persons	EE	UA-Huntsville	CSC Corp
1995	Lee Landis	CS	Millersville U	Air Products
1994	Angela Justice	Soc/Psych	Virginia Tech	NASA
1993	Shauna Freeman	N/A	N/A	N/A
1992	Kim Sowell	IE	Georgia Tech	Eastman Kodak
1990	Tim Weatherford	CS	U of Kentucky	NASA
1989	Fariba Homesley	CS	UNC Charlotte	IBM Corp

2008 AWARDS COMMITTEES

LOU TAKACS AWARD COMMITTEE

Tom Akins, Georgia Tech, Chair
Bryan Dansberry, University of Cincinnati
Stacey Givens, Adtran
Harold Simmons, Georgia Tech

CO-OP STUDENT OF THE YEAR COMMITTEE

Stacey Givens, Adtran, Chair
Angela Cline, University of Louisville
Dianne Markley, University of North Texas
Naomi Powell, University of Alabama

ALVAH K. BORMAN AWARD COMMITTEE

Tom Akins, Georgia Tech, Chair
Brenda LeMaster, University of Cincinnati
Mike Mathews, Mississippi State University
Walter Odom, University of Tennessee

THE LOU TAKACS AWARD

This award honors Lou Takacs, a long-time employee of E. I. du Pont de Nemours & Company, who was a co-op student at Northwestern University. At Dupont, Lou recruited and supervised co-op students for many years, overseeing the successes of many young people from various schools across the country.

Upon his retirement from Dupont, Lou joined the staff of the co-op office at the University of Kentucky where he worked until his death in 2003. Lou was a strong supporter of CED, having served in many capacities, including Chairman and was a recipient of the Alvah K. Borman and Clement J. Freund Awards.

This award began as the Corporate Recognition Award in 2003 and officially was re-named the Lou Takacs award by the CED Board.

Corporate Recognition Award 2003 Steve Bender, Kimberly-Clark Corporation
Mark Rudo, U. S. Airways

Lou Takacs Award 2004	Wayne Fontaine & Hugh Wyles, DuPont
2006	George Whitted, Jr., Northrup Grumman
2007	Dan France, Messer Construction
2008	Patrick Skelly, IBM
	Dick Johnson, Gulfstream Aerospace
	Frank Meledandri, Curtiss-Wright



Remember.....

The future is in their hands.

We provide the guidance and the compassion!