The Future

CIEC 2010 is ramping up February 3-5, 2010
Palm Springs will be wonderful in February. Put CIEC on your calendar immediately AND make those plane reservations!

2010 National ASEE Conference in Louisville, Kentucky
June 20-23, 2010
Maureen Barcic, Program Chair, is looking forward to another great set of sessions. This year ALL ASEE divisions are publish to present, so you will need to produce an acceptable paper to be able to present.

Co-op Student of the year applications are on line and ready for you to fill out and submit—DO NOT WAIT!!
http://www.profpractice.gatech.edu/ced/

Alvah K. Borman Award Nominations
Fellows of ASEE
are awaiting your nominations and suggestions. Contact Tom Akins for details.
tom.akins@profpractice.gatech.edu
Welcome back to another fall semester and to all of the hustle, bustle, and glory of a new academic year. Can any educator fail to respond to the excitement, energy, and overall mysterious call of September on a college campus?

Your CEED board met in May at Huntsville, Alabama. We are pleased to report that the organization is healthy and strong -- both financially and with membership. Maureen Barcic continues to provide us with excellent membership services, and our numbers are growing. In this economy, not many organizations are actually experiencing growth, so we (and Maureen) must be doing something right. Also, the 2009 CIEC conference in Orlando was exceptional, which resulted in a healthy financial picture for us. So, thanks again to Louise Caresses, Harold Simmons, and all who helped make that conference a huge success.

Please make plans to join us in Palm Springs -- just when you need a little sunshine the most -- the dead of winter. Gayle Elliott is hard at work to ensure that we will have yet another fantastic conference. There will be lots of opportunities to learn and receive valuable information, but there will also be plenty of time to enjoy the local cuisine and soak up that picturesque scenery while basking in sunshine. This is just when you need a little sunshine the most -- the dead of winter. Gayle Elliott is hard at work to ensure that we will have yet another fantastic conference. There will be lots of opportunities to learn and receive valuable information, but there will also be plenty of time to enjoy the local cuisine and soak up that picturesque scenery while basking in sunshine. This is one that is truly worth the money and the effort -- so don't miss it! We need YOU to make it complete for all of us.

Let's experience (key word) the CIEC together!

Dianne Markley

Patty Bazrod—Sponsorship Chair SAYS!

Dear Friends of CIEC: As you know, the 2010 conference will be held in Palm Springs, California next February 3-5th. What a tremendous opportunity to network and learn from our colleagues in a beautiful, warm climate. We hope to see as many of you at the 2010 CIEC as possible and hoped you enjoyed the 2009 CIEC held in Orlando, Florida.

Of course, in putting on such an event, we look to our constituents for support. If your institution or company is in a position to assist with sponsorship, it will be well worth the effort and much appreciated by everyone associated with the CIEC. Below is a link that details specific sponsorship packages.

http://www.asee.org/conferences/ciec/2010/Sponsorship.cfm

CIEC Palm Springs—A note from Linda Krute

Please mark your calendar for the 2010 CIEC conference to be held in Palm Springs, CA, February 3 through 5, 2010. You may make your reservations now at the Hilton Palm Springs Resort hotel. The phone number is (800) 522-6900. Use code ASC to receive the conference rate. The cutoff date for the room rate of $159 per night is January 13, 2010. The hotel provides free shuttle service from the airport. A tentative conference schedule has been posted on the ASEE web site at http://www.asee.org/conferences/ciec/2010/upload/2010-CIEC-Program-At-A-Glance.pdf.

If you would like more information sent to you about the CIEC conference or how your organization could sponsor an event at CIEC, contact Linda Krute at Linda_Krute@ncsu.edu. We hope that you will make plans to join us in Palm Springs this February!
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E-mail: dmarkley@unt.edu

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Michelle Hackney - Southern Company

Academic Representative - Experiential Education
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Academic Representative - Cooperative Education
Suzanne Norris - University of Alabama

Industrial Representative - Experiential Education
Brian Dansbury - NASA Johnson Space Center
Brenda LeMaster Receives the Freund Award

The Clement J. Freund Award was established by the ASEE Cooperative and Experiential Education Division in 1979. It honors an individual in business, industry, government, or education who has made a significant positive impact on cooperative education programs in engineering and engineering technology. The awardee receives a $2,000 honorarium, reimbursement of travel expenses to attend the ASEE Annual Conference to receive the award, a plaque, and a certificate of achievement.

Brenda J. LeMaster, Professor of Professional Practice at the University of Cincinnati, is recognized by the Clement J. Freund Award for the significant impact she has made on cooperative education programs in engineering throughout her 30-year career. This impact has involved service to the University of Cincinnati’s (UC) cooperative education program as a faculty member, teacher, counselor and mentor to engineering students. In addition, her expertise in accreditation and quality standards benefits cooperative education on a national level.

During her career, LeMaster has effectively contributed to the professional development of thousands of engineering students and built positive relations with hundreds of employers of her students. Prior to UC, she spent several years in the co-op program at Northeastern University.

She currently serves as an Associate Editor for North American Coop practice for the Journal for Cooperative Education and Internships. She has held numerous offices in national cooperative education organizations and is past chair of the ASEE Cooperative Education Division (ASEE/CED). She is a recipient of ASEE/CED’s Alvah K. Bor-man Award and has also received several Best Session and Best Moderator Awards at ASEE’s Conference for Industry and Education Collaboration (CIEC). She was a member of the Executive Board of CIEC and served as a CED conference program chair.

Perhaps her most significant contribution to cooperative education, outside of her own institution, was the three years she spent in helping to establish the Accreditation Council for Cooperative Education (ACCE). LeMaster played a major role in articulating the standards and definitions that are the hallmarks of quality cooperative education programs across the country. This work came at a time when assessing outcomes required establishing important standards and definitions for co-op programs. Her presentations and publications focus on cooperative education, measuring learning outcomes, accreditation, assessment, and leadership. She co-authored Introduction to Professional Practice: A student Text/Workbook Designed to Enhance the Cooperative Education Experience. Most recently she co-authored a chapter in The Handbook for Research in Cooperative Education and Internships.

LeMaster served as a reader for Title VIII grants for the U.S. Department of Education and as a peer reviewer/panel member for NASA’s Undergraduate Student Researchers Program (USRP) and NASA’s Endeavor Science Teacher Certificate Program (ESTCP). She served as a consultant/evaluator for the North Central Association/Higher Learning Commission and as a site visitor the New England Association of Schools and Colleges evaluating universities with large scale cooperative education programs.

LeMaster received her B.A. degree in English from Northeastern University (1976); M.A. degree in communications from the University of Cincinnati (1983); and completed the course work towards a Ph.D. in English at the University of Cincinnati.

Congratulations Brenda!
ASEE -
Conference For Industry and Education
Collaboration
Palm Springs, California
February 3-5, 2010
Make your plans NOW!!!!
http://www.asee.org/conferences/ciec2010/

Best Wishes for recovery from surgery to Dianne Markley!
From all of us in CEED!
From Cheryl Cates

The publication Leveraging Cooperative Education to Guide Curricular Innovation, the Development of a Corporate Feedback Loop for Curricular Improvement (Cates and Cedercreutz editors, 2008, 126 pages) has been distributed to the attendees of WACE, NCCE, CEIA, MCEIA, and OCEA at their 2009 annual conferences.

If budgets were tight this year and you were not able to attend one of these events, please feel free to download a complimentary copy at: http://www.uc.edu/propractice/fipse/publications.asp

If you already have a copy but would like to encourage dialogue about how to use co-op data on your own campus, please feel free to distribute this email widely. As further food for thought, here’s how the University of Cincinnati is using co-op data to demonstrate learning outcomes: http://www.uc.edu/icl/ILEAP.html and on page five under student learning outcomes: http://www.uc.edu/institutionalresearch/UCcollegeportrait.pdf

Northeastern Sends Word!

During the past year the College of Engineering Cooperative Education Group at Northeastern University hired two new faculty coordinators to work with mechanical and industrial engineering students.

Hired were –

Kerri A. Beiswenger

Kerri is a 2005 graduate of Northeastern with a degree in Industrial Engineering and she is currently enrolled in Northeastern’s MBA program in the College of Business Administration. While at Northeastern Kerri was an active member of Alpha Pi Mu and Tau Beta Pi Engineering Honor Societies, President of the student chapter of the Institute for Industrial Engineers and was nominated by the MIE Department for the Hodgkinson Award – the highest University award for a graduating senior. For co-op, Kerri worked for Duke Energy, Intel, and Staples. After graduation she worked for United Parcel Service in Boston as an industrial engineer.

Alison Cook

Alison Cook started at Northeastern’s Experiential Learning/Central Co-op Group where she was the Assistant Director of Employer Relations. Prior to Northeastern Alison worked at Wentworth Institute of Technology as Co-op Coordinator. Alison also taught in the Kingston and Boston Public Schools systems. Alison received her Bachelor of Arts in Humanities from Wheelock College and a Master of Education in Administration of Higher Education from Suffolk University.

Bob Tillman
NOW ACCEPTING APPLICATIONS FOR THE 2009 STUDENT OF THE YEAR AWARD

Please begin considering who you would like to nominate for the 2009 Student of the Year Award. Reminders will be sent each month. The deadline to submit your nomination is November 2, 2009. For detailed information about the award and the nomination process, please see the attached flyer or visit the web site at http://www.profpractice.gatech.edu/ced/instruction.htm

Don't miss this opportunity to recognize outstanding students!

NOW ACCEPTING APPLICATIONS FOR THE 2009 ALVAH K. BORMAN AWARD

Please begin considering who you would like to nominate for the Alvah K. Borman Award. The deadline to submit your nomination is November 2, 2009. For detailed information about the award and the nomination process, please see visit the web site at http://www.profpractice.gatech.edu/ced/awards.htm

Don't miss this opportunity to recognize outstanding Co-op Professionals!

NOW ACCEPTING APPLICATIONS FOR THE 2009 LOU TAKACS AWARD

Please begin considering who you would like to nominate for the Lou Takacs Award. The deadline to submit your nomination is November 2, 2009. For detailed information about the award and the nomination process, please see visit the web site at http://www.profpractice.gatech.edu/ced/awards.htm

Don't miss this opportunity to recognize outstanding Industrial Sponsors!

Please make every effort to nominate individuals for the above awards.
News from Mississippi State

Mike Mathews, Cooperative Education Director/Associate Director for the Career Center at Mississippi State University retired after 34 years of dedicated service. Mike was instrumental in the program development of our Co-op interview days that is currently in its 26th year. He was able to establish relationships with employers that still work very close with us today. Mike was able to provide leadership to ensure the growth of co-op at Mississippi State where the program is considered to be a point of pride for the university.

Becky Davis, Senior Co-op Coordinator for Engineering, recently left the Career Center after 9 years of service. Becky was a very talented member of our staff. She was responsible for essentially all the marketing for the co-op program. Her creative ability and genuine interest in helping students made her a great asset.

Angie Chrestman was hired as the new Associate Director of the Career Center.
Lisa Gooden was hired as a new Senior Co-op Coordinator for Engineering.

The University of Cincinnati’s Cool Co-ops Contest

UC is starting its third biennial cool co-ops contest in the fall of 2009 (see http://www.uc.edu/coolco-ops/Default.aspx ) The success of this endeavor at the UC campus, along with interest from the field, has prompted us to work with the UC Intellectual Property Office to create a licensure opportunity. Any school that would like to have a Cool Co-ops Contest of their own can license the software from UC, modify it to include your logo and information, and run your own online contest. For more information contact us at coop@uc.edu
Cheryl Cates

Don’t Forget!!

CIEC in Palm Springs, California  February 3-5, 2010
ASEE in Lexington, Kentucky June 20-23, 2010
The Cooperative Education Hall of Honor was developed to give a permanent place of honor for individuals and organizations that have significantly contributed to the qualitative advancement of cooperative education, both at the University of Cincinnati and beyond.

On the occasion of the Centennial Year of the Founding of Cooperative Education, the University of Cincinnati paid homage to the inaugural inductees in its Cooperative Education Hall of Honor on April 24, 2006. We inducted its second cohort on June 4, 2007, its third cohort on July 10, 2008 and its fourth cohort on August 27, 2009.

The 2006 Inductees included Herman Schneider, Albert Barber, Cooperative Education Division of the American Society for Engineering Education, General Electric Company, Donald C. Hunt, Charles F. Kettering, LPK Libby Perszyk Kathman, John M. Manley, Milacron, Inc. Frank Vandegrift, James W. Wilson and James G. Wohlford. The 2007 Inductees included Cincinnati State Technical and Community College, the Cooperative Education and Internship Association, Georgia Institute of Technology, the Procter & Gamble Company, E. Samuel Sovilla and Roy L. Wooldridge. The 2008 Inductees included BHDP, Northeastern University, and George Probst. The 2009 Inductees included the Dow Chemical Company, Harry Heinemann, the National Commission for Cooperative Education, Paul Pratt and the Southern Company. To view the accomplishments of these inductees, please visit the Virtual Cooperative Education Hall of Honor at: http://propractice.uc.edu/hallofhonor/Index.aspx

We are now soliciting nominations for the 2010 Inductees into the UC Co-op Hall of Honor. The following link provides all information pertaining to the award and the nomination process: http://propractice.uc.edu/hallofhonor/Nominate.aspx To be considered for 2010 all nominations must be completed by Monday November 16, 2009.

To assist you in creating your nominations, please be aware of the following Eligibility Guidelines. Priority will be given to individuals who have been significantly involved in either the management or practice of cooperative education for at least seven years. Highest priority will be given to individual honorees that have been inactive from direct involvement in cooperative education for a period of at least three years. Individuals retired from regular career employment, but who remain active as volunteers in activities that directly support co-op, will be eligible after three years from the date of their retirement. Deceased individuals, who otherwise meet eligibility requirements, would be eligible for candidacy from the date of their death. An organization nominated for recognition must have sustained its program, uninterrupted, on an annual basis, for at least 10 years.

Sincerely,

Cheryl Cates
Chair, Co-op Hall of Honor Nominating Committee
Associate Director, Pedagogic Development
Division of Professional Practice
PO Box 201115
University of Cincinnati
Cincinnati, OH 45221-0115
Phone: 513-556-2801
Fax: 513-556-5061
www.uc.edu/propractice
Cooperative Education Hall of Honor

Call for Nominations
To assist in the identification of those individuals and organizations that merit the high honor of inclusion in the Hall, the Trustees invite you to submit nominations in the following categories:

- **Individual Inductees** – Individuals who have made exceptional contributions, over a substantial period of time, for the qualitative advancement of cooperative education.
- **Pioneers in Cooperative Education** – Individuals who are widely perceived as having been exceptional early leaders in co-op’s evolution (first 50 years) and whose contributions qualitatively advanced the growth and practice of cooperative education.
- **Organizations** – Organizations that have provided exceptional quality commitment to cooperative education over a substantial period of time, and by their example and leadership, have contributed significantly to its advancement.

The Hall was developed to give a permanent place of honor for individuals and organizations that have significantly contributed to the qualitative advancement of cooperative education, both at the University of Cincinnati and beyond. While this Hall of Honor will be University of Cincinnati sponsored and will honor exceptional contributors to its program, it will also honor those who have advanced the co-op pedagogy for learning worldwide. In establishing the policies, processes and criteria for the Hall and to have a direct role in the selection of inductees, the Board of Trustees includes representatives from the national cooperative education community.

As you prepare your nomination(s), please be aware of the following:

1. The nomination may not exceed one page, single-spaced. It is assumed that the accomplishments of the nominee will be so widely known or so exceptional, that extensive documentation is unnecessary.
2. Nominations may be submitted on-line at this web site (Individual or Organization above) or mailed hard copy to the address listed on the nomination form.
3. While an extensive vita is not necessary, the Hall’s Board of Trustees reserves the right to request additional documentation of a nominee’s accomplishments. Nominees not selected for the inaugural year will be carried forward and reconsidered, from year to year, for a maximum of five years.

http://www.uc.edu/propractice/hallofhonor/Guidelines.aspx
The Division of Professional Practice is pleased to announce the latest recipient of the John and Wanda Mosbacker Award. In recognition of Faculty Excellence in Cooperative Education the John and Wanda Mosbacker Award is presented to Anita M. Todd.

Anita has consistently achieved approval ratings well above 90% from student feedback evaluating her knowledge, expertise, and responsiveness both as an educator and advisor. She has had a 100% placement rate of electrical engineering students since 2006. Anita’s commitment to her students goes beyond the classroom and her office.

She takes an active role in ECE departmental activities; everything from banquets and social activities to departmental discussions on the listserv and faculty meetings. Additionally, Anita has served as an advisor to the Society of Women Engineers and as President of the national Cooperative Education and Internship Association. This level of involvement has allowed her to continue to bring students to the center through scholarship opportunities and professional development.

Anita was presented the Mosbacker Award at this year’s Hall of Honor Banquet which took place on August 27th. In attendance at the banquet included the Class of 2009 Hall of Honor Inductees: Dr. Harry Heinemann, past Dean of Cooperative Education at LaGuardia Community College; Paul M. Pratt, past Dean of Cooperative Education at Northeastern University; The Dow Chemical Company, nominated by Steve Gilby; National Commission for Cooperative Education, and Southern Company, nominated by Harold Simmons, Director, Cooperative Education, Georgia Tech.

CONGRATULATIONS!
Anita

Brenda, Patty, and Maureen make the front page of the Starkville Newspaper
THE NATIONAL INSTITUTE FOR ADVANCED TRANSPORTATION TECHNOLOGY AT THE UNIVERSITY OF IDAHO RECEIVES EDUCATION AWARD FROM THE INSTITUTE OF TRANSPORTATION ENGINEERS

The National Institute for Advanced Transportation Technology at the University of Idaho, Moscow, ID, USA, received the Transportation Education Council Best Innovation in Education Award from the Institute of Transportation Engineers (ITE) in recognition of its Traffic Signal Summer Workshop and MOST Program. The award was presented at the ITE 2009 Annual Meeting and Exhibit, being held August 9–12, 2009 in San Antonio, TX, USA.

The Institute of Transportation Engineers is an international educational and scientific association of transportation professionals who are responsible for meeting mobility and safety needs. ITE facilitates the application of technology and scientific principles to research, planning, functional design, implementation, operation, policy development and management for any mode of ground transportation. Through its products and services, ITE promotes professional development of its members, supports and encourages education, stimulates research, develops public awareness programs and serves as a conduit for the exchange of professional information.

Founded in 1930, ITE is a community of transportation professionals including, but not limited to transportation engineers, transportation planners, consultants, educators and researchers. Through meetings, seminars, publications and a network of nearly 17,000 members, working in more than 90 countries, ITE is your source for expertise, knowledge and ideas.
2009 CEED Student of the Year Nomination Cover Sheet
Please copy and complete this form in a new Word document.

Date:
Student Nominee Name:
Local Address:
Local Phone:
E-mail:
Permanent Address:
Permanent Phone:

University Nomination Contact Name:
College / University:
Address:
Email:
Phone Number:

Employer Nomination Contact Name:
Company Name / Division:
Address:
Email:
Phone Number:

Student Major: Cumulative GPA:
Number of Co-op Terms Completed:
Dates of most recent Work Term: to

This nomination package must include three copies of:
- Student of the Year Nomination Cover Sheet
- Student Statement
- Student Resume
- College/University Support Letter
- Employer Support Letter

Important Dates:

Nominations must be emailed by November 2, 2009
Winner Announced by December 18, 2009
CIEC Conference February 3 - 5, 2010, in Palm Springs, CA.

Questions may be sent to: achrestman@career.msstate.edu

Nomination should be emailed to: Angie Chrestman
Cooperative Education Program
Mississippi State University
335 McCain Engineering
Starkville, MS 39762

662-325-3823
E-mail: achrestman@career.msstate.edu
Since Luther Epting is mentioned in our Archives section of the newsletter, we felt it was important to show Luther's current activities.

As Luther says, “My wife and I recently returned from a 17 day trip to the Baltic states. Included were Denmark, Finland, Sweden, Russia, Estonia, Poland and Germany. There were many highlights but one stop we particularly enjoyed was a two day tour of St. Petersburg, Russia. We are tentatively planning a Mediterranean cruise for 2010. Tell all my CED friends retirement is great.

After so many years of faithful service to academia and cooperative education and especially CEED, Luther is well deserving of the enjoyment of retirement.
February 17, 1984

Dear Mr. Keim:

Since taking office, President Ronald Reagan has assigned the highest priority to encouraging private sector initiatives to solve social and economic problems throughout America. President Reagan created the Office of Private Sector Initiatives to serve as the catalyst for identifying and stimulating private actions. Initiatives range from health care to employment, with particular emphasis on education through our Partnerships in Education Program.

As you know, the President has made improved education one of his top priorities. Programs such as the cooperative education program address are a perfect example of partnerships in education. Cooperative education not only introduces the student to work in his major field of study, but it engenders responsible behavior and increases his options for employment, once he has graduated from college.

We support efforts, like the one of the National Commission for Cooperative Education, that stimulate, encourage and support education programs that bring business and school together; that encourage excellence in education; that provide opportunities for the disadvantaged student; that develop a community spirit and teamwork among participants.

Efforts, such as the proposed national advertising campaign, to encourage, expand and increase programs like cooperative education nationwide, are encouraged by this office.

Good luck to you in your efforts.

Sincerely,

James K. Coyne
Special Assistant to the President
Private Sector Initiatives

Mr. Robert F. Keim
President
The Advertising Council
825 Third Avenue
New York, New York 10022
AMERICAN SOCIETY FOR ENGINEERING EDUCATION
COOPERATIVE EDUCATION DIVISION
EXECUTIVE BOARD MEETING MINUTES
February 5, 1985

I. A scheduled CED Executive Board Meeting was held at the ASBE College Industry Education Conference in San Diego, California on February 5, 1985.

The meeting was called to order by Chairman Houze at 9:17 a.m. In attendance were:

Jim Antonick  
Dick Canale  
Don Comisky  
Betsy Corlew  
Bev Cudney  
Don Douglas  
Evelyn Harris  
Neal Houze  
Jack Leer  
Jack Mangham  
Anne Nesson  
Joe Pierce  
Dick Rice  
Becky Simon

Chairman Houze noted that Luther Epping and Marva Walton were absent due to their conference responsibilities. He further noted that Dick Rice had been appointed to serve the remainder of Toney Rigan's term on the board and that Becky Simon had likewise been appointed to serve the remaining term of Frank Vandegrift as the CED NEWSBRIEFS editor. Chairman Houze introduced Anne Nesson as the current President of the Cooperative Education Association Inc., and welcomed her as the Board's guest.

II. Minutes of the Previous Meeting

The minutes of the CED Executive Board meetings of June 24 and 25, and the Business Luncheon of June 27, 1984 were presented by Jim Antonick. The minutes were approved as presented.

III. Treasurer's Report

Jim Antonick distributed and reviewed the CED financial statement. The Treasurer's Report was approved as presented.

IV. 1985 CIEC Report

The CIEC General Conference Chairman, Luther Epping, joined the meeting and reported that 450 persons were expected to register and attend the conference, along with 150 companions. Luther complimented Neal as Chairman of the CIEC Board and Bev as CIEC Program Chairman for their excellent work. Luther expects this to be the largest and most successful CIEC to date.

V. CIEC DIRECTORY Report

Luther Epping distributed and reviewed the '83 DIRECTORY report.
What is the Conference for Industry and Education Collaboration (CIEC)?

CIEC is an annual mid-winter meeting for the Cooperative and Experiential Education Division (CEED), the College Industry Partnership Division (CIP), the Continuing Professional Development Division (CPD), and the Engineering Technology Division (ETD). In 2010, CIEC is being held at Hilton Palm Springs Resort in Palm Springs, California. The conference theme is “Preparing the Workforce for the Global Marketplace.” Some divisions will sponsor workshops on Tuesday, February 2. The conference officially begins on Wednesday morning with an opening reception.

This outstanding conference program will enrich all attendees from corporations and educational institutions.

Prepared by: 
American Society for Engineering Education (ASEE)  
www.asee.org/ciec2010
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
<th>Location/Other Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-10:45</td>
<td>Opening Plenary: Panel Session with Educators—Designing for the future of the field</td>
<td></td>
<td>Engineering Technology Division</td>
</tr>
<tr>
<td>11:00-12:00</td>
<td>Non-traditional preparation for a global workplace</td>
<td>Harki Simons</td>
<td>Continuing Professional Development Division</td>
</tr>
<tr>
<td>12:30-1:45</td>
<td>Bridging gender and diversity gap: Preparing a global workforce</td>
<td></td>
<td>Engineering Technology Division</td>
</tr>
<tr>
<td>2-3:15</td>
<td>Multicultural education of engineering students</td>
<td></td>
<td>Engineering Technology Division</td>
</tr>
<tr>
<td>3:30-4:45</td>
<td>Update from 2009 GTC on value of web-based recruiting tools</td>
<td></td>
<td>Engineering Technology Division</td>
</tr>
<tr>
<td>5-6:00</td>
<td>Red Star Greeting and All Conference Reception (Adults Only)</td>
<td></td>
<td>Engineering Technology Division</td>
</tr>
<tr>
<td>7:30-8:45</td>
<td>CEE Division Breakfast</td>
<td></td>
<td>Engineering Technology Division</td>
</tr>
<tr>
<td>9-10:00</td>
<td>Preparing engineers for global workforce: A research university's response</td>
<td></td>
<td>Engineering Technology Division</td>
</tr>
<tr>
<td>11:00-12:15</td>
<td>Effects of the economy on students and professionals / strategies to deal with the environment and support mechanisms.</td>
<td></td>
<td>Engineering Technology Division</td>
</tr>
<tr>
<td>12:30-1:45</td>
<td>CEE Division Breakfast</td>
<td></td>
<td>Engineering Technology Division</td>
</tr>
<tr>
<td>2-3:15</td>
<td>Enhanced Engineering Education through Energy: Industry Research Collaboration</td>
<td></td>
<td>Engineering Technology Division</td>
</tr>
<tr>
<td>3:30-4:45</td>
<td>University Industry Collaborations and Contacts: Foster Accomplishments (Innovation and entrepreneurial centers)</td>
<td></td>
<td>Engineering Technology Division</td>
</tr>
<tr>
<td>6-7:00</td>
<td>CEE Division Breakfast</td>
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<td>Engineering Technology Division</td>
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<td>7:30-9:45</td>
<td>CEED Division Breakfast</td>
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<td>Engineering Technology Division</td>
</tr>
<tr>
<td>9-10:05</td>
<td>Tips for successfully negotiating with hotels</td>
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<td>Engineering Technology Division</td>
</tr>
<tr>
<td>10:30-11:45</td>
<td>Katherine Rooney Workshops: University learned to solve real-world problems</td>
<td></td>
<td>Engineering Technology Division</td>
</tr>
</tbody>
</table>

**Notes:**
- **Tuesday, February 2, 2010**
  - CEED Workshops: Cooperative Education Workshop for Employers, International Community, and Industry
  - CPD Workshops: Leadership Symposium, National Collaborative
  - ETD Workshops: Technology Innovation: Best Practices and Key Issues
  - ETD Workshops: Ethics in Engineering Technology: Collaboration with Industry
  - ETD National Forum I
- **Friday, February 5, 2010**
  - Meetings: CEED 2010 Team Closeout, CEED 2011 Kickoff
Wireless Sensors Take Flight

University of Maine Electrical and Computer Engineering Department WiSe-Net Laboratory students successfully tested an array of wireless accelerometer sensors on board of an aerospike rocket in collaboration with California State University Long Beach, and Garvey Spacecraft Corporation in a project sponsored by NASA, the Maine Space Grant Consortium, and the California Space Grant Consortium.

The UMaine team includes students Kale Schrader as project manager, Fred Schwamer as payload 1 engineer, and James Knarr as payload 2 engineer. Professor Ali Abedi serves as principal investigator (PI) for the research project.

This is a collaborative project between the University of Maine and California State University at Long Beach (CSULB), which developed as part of the Maine Space Grant Consortium and the California Space Grant Consortium strategic plan for broadening participation of minorities in research and educational activities in science and engineering.

The aerospike rocket developed at CSULB is currently equipped with several pressure and temperature sensors as well as an off-the-shelf inertial measurement unit (IMU) developed for unmanned air vehicles (UAV). The addition of a separate accelerometer package would add redundancy in the data acquisition system on a critical data item. Aerospike rocket engines, or engines with plug nozzles, are supposed to have superior performance over engines with bell nozzles because of their self-compensating capabilities, however, no flight data has been available to confirm this at this point.

Check the website for a very nice publication!