



Special points of interest:

- ASEE Call for Papers
- CIEC Program Information
- Award Nominations

Newsbriefs Briefs
Summer 2006

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

COOPERATIVE EDUCATION DIVISION ASEE

Newsbriefs Briefs

CIEC 2007 Palm Springs, California

February 3-10, 2007

“Collaborating to Build Innovative Generations”



ASEE 2007

Honolulu, Hawaii

June 24-27, 2007

“A National Conversation on Engineering Education in Paradise”



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ASEE Fellow Member Honoree
Luther Epting



The fellow grade of membership was conferred in recognition of outstanding contributions to engineering or engineering education upon Luther Epting, an active member of ASEE who has been a member in any grade for at least ten years.

The ASEE bylaws direct that each year the Fellow Member Committee recommend candidates to be advanced to the fellow grade of membership. Luther Epting met the requirements of such membership and was approved by the ASEE Awards Policy Committee. Luther was nominated by Tom Akins.

Everyone should send congratulations to Luther for his great work and this honor.



Clement J. Freund Award **Mike Mathews**

The Clement J. Freund award was established By the ASEE Cooperative Education Division in 1979. It honors an individual in business, industry, government, or education who had made a significant positive impact on cooperative education programs in engineering and engineering technology.



Mike Mathews was recognized in 2005 for his exemplary leadership in cooperative education. His impact on the cooperative education program at Mississippi State University is demonstrated through his success over the past 29 years in establishing relationships with employers, placing students, and effectively working with university administration.

Mike Mathews has over 29 years of service at Mississippi State University. He has served as associate director and assistant professor of Cooperative Programs since 1986. Prior to that he served as assistant director and assistant professor of Cooperative Programs. He received his B.S. degree in accounting in 1972 and his MBA in 1978 from Mississippi State University.

Mathews contributions to cooperative education are known on the regional and national levels. As a senior member in the cooperative education arena, he is involved in the planning and hosting of many regional and national cooperative education events. He serves on the regional and national boards and is active with cooperative education organizations. He serves as vice president of Training for the Accreditation Council for Cooperative Education. His involvement and activity within ASEE's Cooperative Education Division include serving as the editor for the Directory of Engineering and Engineering Technology Cooperative Education Programs. He has also served as division chair and serves as a member of the executive board of ASEE's College Industry Education Conference (CIEC). He served as General Conference Chair for CIEC in 1997.

He is also a member of the Accreditation Council for Cooperative Education, Mississippi Association of Colleges and Employers, Cooperative Education, and Internship Association, World Association for Cooperative Education, and the Georgia Association of Colleges and Employers.

Mathews is also a recipient of the Alvah K. Borman Award.

From the Program Chair - Palm Springs 2007

Louise Carrese

“Splash down in the Village of Palm Springs, and feel the weight of the world float away. Breathe deeply of the desert air, fragrant with wildflowers. Let your eyes rest on the sheltering mountains. Listen to the romantic whispers of the Palms rustling in the soft breeze...” (-Palm Springs Bureau of Tourism)

All this and CIEC 2007 in one destination! The location is known as “America’s Desert Star”, the theme is “Collaborating To Build Innovative Generations”, and the CED Program is one you won’t want to miss! In response to previous program evaluations, there are more employer-focused/-led sessions, new faces and timely topics. Take a quick look at the session titles and I think you’ll agree, there truly **is** something for everyone !

Pre-Conference workshops will be held on Tuesday, February 6, followed that evening by the Opening Reception, poolside at the Hilton Palm Springs, the conference site. Conference program sessions run from February 7-9, 2007.

Online Conference registration will begin **August 1** at the Conference web site, <http://www.asee.org/conferences/ciec/2007/index.cfm>

Hotel reservations can be made by going to the hotel web site <http://www.hiltonpalmsprings.com/> , click on Groups and then click on "ASEE/ CIEC 2007 Reservation Page". Insert CIEC for user name (case-sensitive) and 2007 for password.

Make your travel plans soon – Palm Springs is popular tourist location at that time of year and some flights are already more than half-filled! Plan a few extra days to take in the Aerial Tramway, win some money at the Casino across the street from the hotel or just relax by the pool!

CIEC Workshops -

As you plan for CIEC 2007, it is important to take a close look at the workshops to be offered by CED and make plans to participate in the those Tuesday workshops. Your participation is a great help to CED because all the income from those workshops goes directly to CED.

The workshops in Palm Springs are the following:

8:30 –12:00 Ability-based Metric Systems-Student Development Continuous Curriculum Improvement

This session will describe the process Iowa State University to develop “Constituent-Created, Competency-Based, Accreditation-Aligned Assessment Tools for Engineering Education.” Participants will gain an understanding of a process to create direct, quantitative measurements of “an ability to...” An appreciation of how to very efficiently analyze “what to improve,” “how to improve,” and “where to improve” will be gained from our efforts to validate the process and our metrics. Lastly, this session will offer one approach to high-volume, high-efficiency data collection that allows all faculty resources to focus on analysis, interpretation and curriculum improvement decision making. ABET criterion addressed: Criterion 3 (a-k).

8:30 –12:00 Give us Your Hungry Thirsty Selves

WELCOME Co-op Professionals. We need each of you!!! You are invited to come together in a pre-conference relaxed environment to TALK CO-OP. There is no planned session or training exercises-just an agenda of topics totally participant driven to discuss the issues the group brings forth. Suggested topics include:

- *Is it time for a Change? A review of the National Co-op Organizations?
- *What is the future of traditional, alternating co-op programs? Can they survive?
- *Web-based recruiting?
- *What services/products/ support are needed by our co-op professional community?

1-4:30 Getting to Understand and Action

"This session will demonstrate a system of collecting large volumes of assessment data from the experiential education workplace, a zero faculty time, that relate directly to all the ABET Criteria 3 outcomes and focus on "analysis and getting to action" in curriculum management. It will clearly develop and emphasize the value of these measurements coming from the coop/ intern workplace (both student self-assessment and employer supervisor assessment) and the impact that this information content can have on curriculum improvement relative to the needs of the practicing engineer of 2020.

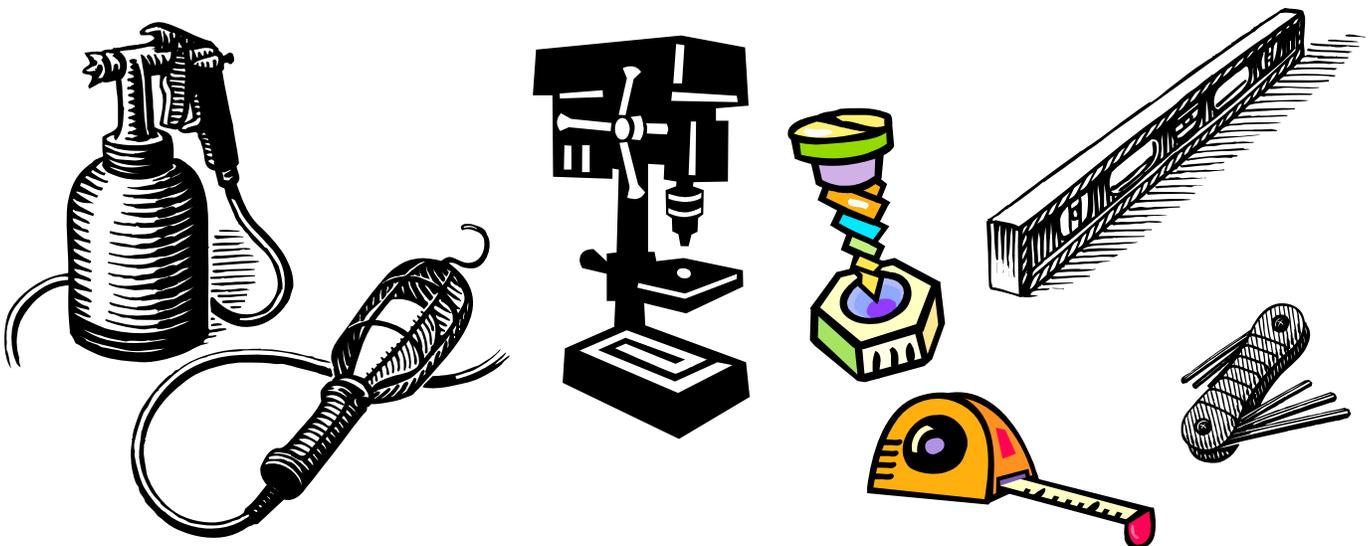
Presenters will:

- *Share the results of five years of data collection for our college and one academic program.
- *Discuss how this system integrates into one program's overall continuous curricular improvement process and present program curricular changes made as the result of assessment data.
- *Illustrate how the quantitative assessment data facilitates qualitative understanding."

1-4:30 Building Successful Careers and Programs

Every program has an operant philosophy. For a program to be successful, the components of the program must be consistent with program philosophy. This training session will identify the components that successful programs and professionals demonstrate. Topics covered will include: operant philosophy and culture, setting goals, effective policies and procedures, program reputation, program institutionalization, marketing and obstacles and managing change. This interactive session will provide access to an expert panel. A workbook will also be provided and a model to evaluate your program.

These are all tools for your trade!



ASEE 2007 CONFERENCE

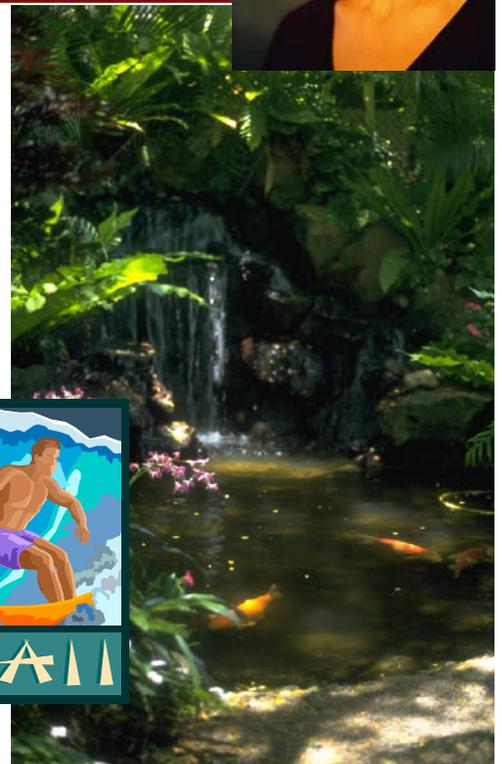
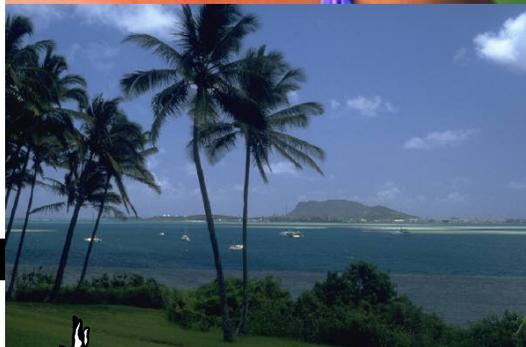
The time is ripe to start thinking about traveling to Honolulu for the ASEE National Conference - June 24-27, 2007.

(We know those are the conference dates, but you really need to add some days, or weeks, on the front or the back of the conference to make it worth the travel time.)

ASEE will give you the chance to talk with over 3,500 engineering educators from around the world.

Take a look at the call for papers on the next page and make a choice on a great conference and location.

Picture Yourself!



Call For Papers

COOPERATIVE EDUCATION DIVISION

ASEE 2006 Honolulu, Hawaii
June 25-28

The Cooperative Education Division (CED) invites papers for presentation at the 2007 ASEE annual conference. All abstracts must be submitted through the ASEE SmoothPaper submission system, via www.asee.org/smoothpaper starting August 2, 2006. Each abstract should be 250 – 500 words long and should be submitted following the instructions in the Author's Kit, which will be available through SmoothPaper and the ASEE Web site. Authors may not submit the same abstract to multiple divisions. This year, CED does not have a publish-to-present requirement, so all are encouraged to submit an abstract. The deadline for submission will be announced on the ASEE Web site.

Engineers or cooperative education advisers from either academia or industry should consider submitting papers that are relevant to cooperative education and work-integrated learning. Suggested topics include, but are not limited to:

- Socialization of engineering students in the workplace
- Preparing engineering students for work in the 21st century
- Benchmarking of co-op programs by universities and employers
- Developing international opportunities for co-op students
- Collaborative efforts between industry and academia
- International co-op and internship programs
- The federal government and co-op
- Co-op collaboration with engineering departments
- Co-op and its importance to ABET

For further information, please contact Craig Gunn, Director, Communication Program – Department of Mechanical Engineering, Michigan State University, at gunn@egr.msu.edu or by phone at (517) 355-5160.

As can be seen from the Call for Papers, an abstract is all that is required, BUT Harold has made it clear that in order for CED to present itself to the engineering world as a viable and valuable entity, it is important that we provide text that can be read and used by engineering professionals around the world. Presentations, although very useful, only reach a small audience. A paper continues to influence into the distant future. It is highly recommended that if you would like to present your ideas that they definitely include an accompanying paper.



A Request for Assistance

Reviewers for the Abstracts and full papers selected for the ASEE Conference will be needed so that all abstracts and papers can be given a complete review for inclusion in the ASEE Annual Conference. The review will not require a great deal of the reviewers time but will require a careful reading to get the best out of the papers and provide vital information to the rest of the ASEE membership.

We will be contacting all those who are willing to assist. Abstract submissions will start coming into ASEE on August 2 and continue until the closing date—October 4.

Therefore, if you would like to help with the process of getting the best ideas out to the entire ASEE membership, send me word and I will start the list of reviewers. gunn@egr.msu.edu (517) 355-5160

It is always good to look at the ASEE site to see the instructions in the Author's Kit in order to get a feel for what is being looked for in the papers published by ASEE.

Thanks for your help in advance!

Craig



2006 Student of the year Information

(Information also found at <http://www.profpractice.gatech.edu/ced/instruction.htm>)

CED Student of the Year Award Announcement and Instructions

The American Society of Engineering Education/Cooperative Education Division (ASEE / CED) is seeking outstanding co-op students enrolled during the 2005/2006 Academic Year. The winning student receives a cash award, and is invited to the annual Conference for Industry & Education Collaboration (CIEC) to receive their award at the Awards Banquet. All nominated students will receive a letter and certificate of recognition for their national nomination.

Eligibility:

- Nominated students must be nominated by a member of ASEE / CED.
- Nominated students must be enrolled in a four-year / five-year degree program.
- Nominated students must be registered in a cooperative education program meeting the traditional definition of multiple work terms.
- Nominated students must have completed two or more work sessions or be in process of completing the second work session at the time of nomination.
- Students who complete one-time internship positions do not qualify for this award.
- If you have a question about eligibility, please contact the CED representative listed below.
- We request that each institution, CO-OP regional conference, CO-OP state conference or employer send only one nominee.

Award:

- The winning student will receive a \$500 cash award.
- The winning student will receive a recognition plaque.
- The winning student will be invited to attend the CED Conference in Palm Springs, CA to receive their award at the CED awards banquet.
- All nominated students will receive a letter of recognition and a certificate of national nomination.

Nomination Package Needs:

- CED Co-op Student of the Year Nomination Cover Sheet
- Two pages, typed, double-spaced statement of support from the student's employer
- Two pages, typed, double-spaced statement of support from the student's college / university
- Two pages, typed, double-spaced statement from the nominated student
- A copy of the student's most recent resume (not to exceed two pages).

Employer Statement:

- Two pages, typed, double-spaced statement of support (do not provide any extra materials)
- Discuss the following possible topics:
 - The student's work-related duties, quantity of work, and quality of work.
 - Examples of the student's initiative or creative or original work.
 - Examples of how the student was challenged during their co-op assignment.
 - Any published papers, presentations or other formal presentations of their work. (Do not include, just discuss)
 - Any recognition or awards from the company.
 - The student's involvement in the community.
 - The student's involvement in improving the company co-op program.
 - The overall impact of this student on the department or company.

- o Any other pertinent information to support the nomination.

School Statement:

- Two pages, typed, double-spaced statement of support (do not provide any extra materials)
- Discuss the following possible topics:
 - o The student's academic performance.
 - o Examples of the student's initiative or creative or original work.
 - o Any recognition, honors or awards from the university or other organizations.
 - o Any leadership positions or roles.
 - o The student's involvement on campus and in the community.
 - o The student's service to co-op locally, regionally or nationally.
 - o The student's relationship with the college / department.
 - o The student's character.
 - o Any other pertinent information to support the nomination.

Student Statement:

- The most recent copy of your resume (not to exceed two pages).
- Two pages, typed, double-spaced statement of support (do not provide any extra materials)
- Discuss the following possible topics:
 - o How co-op experiences have impacted college and future career.
 - o Future career goals.
 - o Achievements, awards, honors and self initiative both on the job and in school
 - o Contributions to the employer, school and community.
 - o Any other pertinent information to support the nomination.

Process:

- The nomination packet must include:
 - o 2005 CED Student of the Year Nomination Cover Sheet
 - o The statement of support from the student's employer (described previously)
 - o The statement of support from the student's college / university (described previously)
 - o The statement from the nominated student (described previously)
 - o A copy of the student's most recent resume.
- Nomination packets must be sent as one soft-copy Microsoft Word document to EMAIL at debe@uiuc.edu **Important— All documents are to be in the order listed above, including the cover form in one attachment. Include all documents, including the cover form below, in one attachment.**
- **Nomination packets must be received by November 1, 2006**
- Three to five co-op professionals who may represent the academic or industry sector(s) will judge the nomination packets.
- Award committee members will be sent all nomination packets along with an evaluation form and fax return form.
- Award committee members must respond by December 2, 2006.
- All nominated students, nominating schools, and employers will be notified of the winner by December 16, 2006.

We are requesting that members receiving this announcement to duplicate it and distribute it to co-op professionals, faculty, and employers.

For questions or more information contact :

Debe Williams

Director, Academic Advising and Career Services

University of Illinois

105 Noyes Lab, D-4 505 S.Mathews Ave.

Urbana, ,IL 61801

PH: 217-333-1050, FAX 217 333-7390

e-mail: debe@uiuc.edu

ASEE/CED ALVAH K. BORMAN AWARD

PURPOSE

The CED/ASEE may present one or two of these awards each year to Division members (past or present) who have made sustained, honorable and meritorious contributions to the promotion of the philosophy and practice of cooperative education in engineering and technology. Instituted in 1979, 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.

NATURE OF THE AWARD

The award is a framed certificate signed by the chairman of the CED/ASEE and the president of the ASEE and a handsome wooden plaque with engraved lettering on brass. There is also a \$500 honorarium. It is presented at an Awards Banquet at the annual CIEC.

ELIGIBILITY

Nominees for the award must be active members of CED/ASEE or have been members during their professional lives. Persons nominated should have made clearly outstanding contributions to the advancement of Engineering Cooperative Education over a significant period of time as evidenced by leadership positions held in the Division, publications in the cooperative education field, or other significant and related activities. This includes, but is not limited to, contributions to CED, Universities, and Industry. Attendance at the CED Awards Banquet to receive the award in person is required, unless extenuating circumstances are present.

NOMINATION PROCEDURE

Nominators must be active members of CED/ASEE or have been members during their professional lives. No member may nominate himself, a family member, or a superior or a subordinate in his/her own organization. No member of the Borman Award Selection Committee can nominate a candidate. The nomination form must be completed and submitted to the Chairman of the CED/ASEE Awards Committee by the announced deadline. The description of the contributions made by the nominee must be limited to one additional page. However, supporting letters from other individuals may also be submitted.

If an individual is nominated and does not receive an award, she/he may be nominated again the following year merely by sending a letter to the CED/ASEE Awards Committee Chair before the announced deadline, and referring to the completed application of the previous year.

Nominations shall be considered solely on the basis of information submitted by the nominator.

SELECTION PROCEDURE

The CED/ASEE Borman Award Selection Committee will review all nominations and select the recipient (s) of this award. If the committee judges that none of the nominees are deserving of the award, the committee reserves the right to make no selection. Not more than two awards shall be made in any one-year. If there are two, it is encouraged (but not mandatory) that one should be made to a college or university member, the other to an employer representative (industry or government). Nominations with committee recommendations will be submitted to the Executive Board of CED/ASEE, which shall approve the awards.

AMERICAN SOCIETY FOR ENGINEERING EDUCATION

COOPERATIVE EDUCATION DIVISION

Alvah K. Borman Award Nomination Form

Nominee's Full Name & Title _____

Nominee's Address _____

Employer's Name & Address _____

NOMINATION DEADLINE IS October 31, 2005

Nominator's Full Name & Title _____

Nominator's Mailing Address _____

Nominator's e-mail Address _____

Nominator's Telephone _____

Submit no more than one additional page describing the contributions of the nominee to the field of engineering cooperative education. You may also attach supporting letters.

Mail Nomination form and all supporting documents to:

**Thomas M. Akins
Executive Director, Division of Professional Practice
Georgia Tech
Atlanta, GA 30332-0260**

Nomination Deadline is October 31, 2006

CED LOU TAKACS AWARD

PURPOSE

CED may present this award each year to co-op employers who have made significant, honorable, and meritorious contributions to the promotion of the philosophy and practice of cooperative in engineering and technology. Officially begun in 2003, this award honors Lou Takacs, a long time employer of co-op students with E. I. DuPont, and after his retirement there, held a brief career at the University of Kentucky as a co-op advisor until his death in 2003.

NATURE OF THE AWARD

The award consists of an engraved desk plaque with the CED/ASEE logo, presented at the CED Awards Banquet at the annual CIEC, with complimentary registration to the conference.

ELIGIBILITY

Nominees for the award should have made significant contributions to the field while performing their professional duties for their employer. Attendance at the Awards Banquet to receive the award in person is requested.

NOMINATION PROCEDURE

Nominators must be active members of CED/ASEE or have been members during their professional lives. No member may nominate himself, a family member, or a superior or a subordinate in his/her own organization. No member of the Awards Committee can nominate a candidate. The nomination form must be completed and submitted to the Chairman of the CED/ASEE Awards Committee by the announced deadline. The description of the contributions made by the nominee must be limited to one additional page. However, supporting letters from other individuals may be submitted as well.

If an individual is nominated and does not receive an award, she/he may be nominated again the following year merely by sending a letter to the CED/ASEE Awards Committee Chair before the announced deadline, referring to the completed application of the previous year.

Nominations shall be considered solely on the basis of information submitted by the nominator.

SELECTION PROCEDURE

The CED/ASEE Awards Committee will review all nominations and select the recipient(s) of this award. If the committee judges that none of the nominees are deserving of the award, the committee reserves the right to make no selection. Nominations with committee recommendations will be submitted to the Executive Board of CED/ASEE, which shall approve the awards.

AMERICAN SOCIETY FOR ENGINEERING EDUCATION

COOPERATIVE EDUCATION DIVISION

Lou Takacs Employer Recognition Award Nomination Form

Nominee's Full Name & Title _____

Nominee's Address _____

Employer's Name & Address _____

NOMINATION DEADLINE IS October 31, 2006

Nominator's Full Name & Title _____

Nominator's Mailing Address _____

Nominator's e-mail Address _____

Nominator's Telephone _____

Submit no more than one additional page describing the contributions of the nominee to the field of engineering cooperative education. Additional supporting letters may be attached.

Mail nomination form and all supporting documents to:

**Thomas M. Akins
Executive Director, Division of Professional Practice
Georgia Tech
Atlanta, GA 30332-0260**

Nomination Deadline is October 31, 2006

CIEC 2007

Palm

Springs,

California

February 3-10

