

Fall 2014

ASEE Engineering Economy Division Newsletter

Welcome! This is the Fall 2014 issue of the newsletter for the Engineering Economy Division of the American Society for Engineering Education. In this issue, you will find information about the 2015 ASEE Annual Conference as well as our call for papers, minutes from the 2014 business meeting held in Indianapolis and other EED news. If you have any items you would like to include in the Spring 2015 issue of the newsletter, please contact the newsletter editor, Kellie Grasman at kgrasman@mst.edu.

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2014-2015 Division Officers

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June 16, 2014

Highlights from the 2014 Awards Ceremony



Two Engineering Economy Division members received special awards from ASEE during the Awards Ceremony held on June 16.

John White received the National Engineering Economy Teaching Excellence Award, in recognition of his demonstrated classroom teaching excellence and teaching scholarship in engineering economy.

Kim LaScola Needy was conferred an ASEE Fellow, in recognition of outstanding contributions to engineering or engineering technology education.

Recognition of Donation

The Engineering Economy Division wishes to thank John White for his generous gift to the division. His longtime involvement and contributions to the organization are greatly valued! Thank you John!

ASEE in Seattle for the 122nd Annual Conference & Exposition

Join us for the 122nd Annual Conference & Exposition!

**June 14 - 17, 2015
Seattle, Washington**

Conference Overview

The ASEE Annual Conference and Exposition is the only conference dedicated to all disciplines of engineering education. It is committed to fostering the exchange of ideas, enhancing teaching methods and curriculum, and providing prime networking opportunities for engineering and technology education stakeholders such as deans, faculty members and industry and government representatives.

The ASEE Annual Conference & Exposition hosts over 400 technical sessions, with peer-reviewed papers spanning all disciplines of engineering education. Attendees include deans, faculty and researchers, students, retirees, industry representatives, K-12 teachers and more. Distinguished lectures are held on Wednesday, and there are two Main Plenaries, one that features the Conference Best Papers. There are also a variety of division award receptions and banquets.

Highlights include the "Greet the Stars" orientation for new ASEE members and first-time conference attendees, the ASEE Division Mixer, and the "Focus on Exhibits" Welcome Reception, Brunch, Lemonade Social and Closing Lunch. The 2015 conference will be in Seattle, WA. We look forward to welcoming you there.

The annual Engineering Economy Division Awards Banquet (held jointly with Engineering Management Division, Industrial Engineering Division, and the Systems Engineering Division) is the division's social highpoint of the year. We will detail the Engineering Economy Technical Sessions in the spring issue of the EED Newsletter. We look forward to welcoming you in Seattle!

2015 Call for Papers:

The Engineering Economy Division (EED) of ASEE seeks papers for presentation at the ASEE Annual Conference and Exposition being held in Seattle, WA, June 14-17, 2015. Relevant submissions are welcome from all engineering disciplines. We are particularly interested in papers addressing issues related to teaching engineering economy to diverse populations of students. Other topics of interest include, but are not limited to, economic analysis across engineering disciplines; innovative teaching methods for engineering economy; case studies for the classroom; integrating engineering economy research into the classroom; and international aspects of engineering economy

Abstract submission details (including the Author's Kit with deadlines and instructions) can be found on ASEE's conference website at:

<http://www.asee.org/conferences-and-events/conferences/annual-conference/2015>

Authors of accepted abstracts will be invited to submit full length papers for peer review and inclusion in the conference proceedings, and all accepted papers will be considered for the division's \$1000 Best Paper award.

****New this year!**** In addition, we especially welcome submissions from new engineering economy educators (doctoral candidates and faculty teaching engineering economy less than 2 years) and if accepted, these authors will be eligible for a \$1000 conference sponsorship to cover expenses of attending and presenting at the annual conference.

For more information, please contact the Engineering Economy Division program chair, Erick C. Jones at ecjones@uta.edu or 817-272-7592.

Deadlines (subject to change, as of 9/16/2014):

Abstract Submission:	October 19, 2014
Accept/Reject Abstract Notification:	November 9, 2014
Draft Paper Submission:	February 2, 2015
Draft Revision Notification:	March 8, 2015
2 nd Draft Paper Submission:	March 15, 2015
Accept/Reject Final Notification:	March 29, 2015
Final Paper Submission:	April 5, 2015
Author Registration, Proceedings Fees, and Copyright Transfer:	April 5, 2015

**ASEE Engineering Economy Division Business Meeting Minutes:
June 16, 2014; Indianapolis, Indiana; as part of the ASEE Annual Conference and Exposition**

1. Welcome and Call to Order

The meeting was called to order by Division Chair Neal Lewis at 12:33PM (EST).

2. Introductions and Attendance

The following people were present:

Kate Abel	Stevens Institute of Technology	kabel@stevens.edu
Karen Bursic	University of Pittsburgh	kbursic@pitt.edu
Gene Dixon	East Carolina University	dixone@ecu.edu
Ted Eschenbach	TGE Consulting	tede1@ak.net
Volter Fabrycky	Virginia Tech	fab@vt.edu
Jane Fraser	Colorado State University – Pueblo	jane.fraser@colostate-pueblo.edu
Kellie Grasman	Missouri Uni. of Sci. & Tech.	kgrasman@mst.edu
Erick Jones	University of Texas – Arlington	ecjones@uta.edu
Paul Kauffmann	East Carolina University	kauffmannp@ecu.edu
Jerome Lavelle	North Carolina State University	jerome_lavelle@ncsu.edu
Neal Lewis	University of Bridgeport	lewisn@bridgeport.edu
*Adrienne Minerick	Michigan Technological University	minerick@mtu.edu
Kim Needy	University of Arkansas	kneedy@uark.edu
Gillian Nicholls	University of Alabama – Huntsville	gn0002@uah.edu
Bill Peterson	WRP Associates	drbillpeterson@aol.com
Ed Wheeler	University of Tennessee – Martin	ewheeler@utm.edu
John White	University of Arkansas	jawhite@uark.edu
Joe Wilck	East Carolina University	joe.wilck@gmail.com

**Adrienne Minerick attended as the PIC-I chair for ASEE.*

Introductions (around-the-room)

3. Minutes Approval from June 24, 2013 Division Business Meeting

- Motion to Approve: Gene Dixon (1st); Erick Jones (2nd)
- Ted Eschenbach credited with suggesting flash drive for ASEE Papers (rather than CD)
- Approval Unanimous

4. Division Chair Update

Neal Lewis provided a Membership Update. ASEE membership is in small decline, and most divisions are experiencing a small decline in PIC-I. EE Division membership dropped from 140 (2013) to 134 (2014).

5. Program Chair Update

- Karen Bursic (overview of interdisciplinary townhall, etc.)
- Two sessions (started with 14 submissions; 8 final papers; 11 accepted, 1 transferred, 2 rejected)
- Discussion of coordinating process and handling PIC-I paper competition
- More papers this year than last year; perhaps because of targeted recruiting.

- Ted Eschenbach recommended that the Call for Papers should include the Donald Newnan Sponsorship of \$1,000 for Best Paper in Division to solicit papers.
- Best conference paper was awarded to Paul Kauffmann & Joseph Wilck, "Relationship of Final Grade and Use of Online Course Materials for an Engineering Economics Course."

6. Treasurer Update

Erick Jones provided an update on division account balances (report included in appendix).

Discussion by Gene Dixon and Erick Jones regarding the division purchasing lunch for the Business Meeting (i.e., lunch was provided in past, but not provided in 2014 since meeting was immediately following brunch in exhibit hall)

Jerome Lavelle suggested financial resources would be more useful and impactful if for student award and/or travel and/or scholarship.

Motion to Approve Treasurer's Report: Erick Jones (1st); Jerome Lavelle (2nd)

Unanimous Approval

7. Newsletter Update

Joe Wilck edited two newsletters in the past year, one in September 2013 and one in April 2014.

8. Nomination and Election of Newsletter Editor for 2014-2015

Kellie Grasman accepts nomination

Unanimous Approval

9. Committee Reports

National Engineering Economy Teaching Excellence Award

Gene Dixon chaired award committee as Past Chair, and there were 9 nominees for the award. Dr. John White was the award recipient. The award is given by ASEE, but administered by EE division.

Eugene L. Grant Award

Jane Frasier chaired award committee. Committee listing and times of service provided in cover of *The Engineering Economist*.

2014 Award is for the paper: Eric Dahlgren, Caner Göçmen, Klaus Lackner & Garrett van Ryzin, "Small Modular Infrastructure," *The Engineering Economist*, 58(4), 231-264, 2013.

None of authors were in attendance at this year's ASEE conference.

A discussion led by Kim Needy and Jerome Lavelle centered on inviting award winners to be presenters at next year's conference. Erick Jones and Bill Peterson discussed whether funds can be used to attend ASEE conference and/or IIE Conference.

Award committee:

Gene Dixon, Bill Peterson, Ted Eschenbach – rotating off

Gene Dixon, Ted Eschenbach – agree to continue

Erick Jones agrees to join committee

Unanimous Approval

Discussion of size of committee. Ted Eschenbach mentioned that sometimes people roll-on and roll-off from voting if they publish a paper, etc. John White is willing to be a stand-by committee member. Bill Peterson mentioned that committee could be expanded if more people are interested in joining committee. Jane Frasier mentioned it could impact bylaws.

Discussion of member rates for The Engineering Economist if a member of IIE and/or ASEE; etc. The issue is whether IIE recognizes that ASEE members are supposed to get discounted rate.

Funding of award:

For the last several years, the grant has been funded out of the BASS Account (division money), without impacting the fund. The award fund has not grown (it is in a very conservative fund). The BASS Account includes funds from royalties from The Engineering Economist; thus it is healthy. Thus, Neal Lewis recommends that on a year-by-year basis (Gene Dixon Motion, Jerome Lavelle 2nd) we fund out of the BASS Account to allow for the sponsorship account to grow. Unanimous Approval.

The Engineering Economist

Thomas Boucher (Editor of *The Engineering Economist*) presentation presented by Neal Lewis. Journal is healthy; subscriptions are growing, submissions are growing, now ISI Citation Indexed (as of late 2011). Number of accepted papers is now a “2 issue” cushion; acceptance rate is down (from prior years); download numbers, acceptance rate, and impact factor presented. Taylor & Francis (publisher) is happy with journal. The current challenge is to increase readership and authorship of the journal’s community and impact. To address this challenge the journal is publishing some Special Editions (e.g., Engineering Economics in Reliability, Replacement, and Maintenance, and Engineering Economics and Sustainable Systems). These Special Editions are well-received.

Journal Statistics (from Thomas Boucher’s presentation, presented by Neal Lewis):

- Submissions in 2013 up by over 50% over prior year, and 2014 is trending higher than 2013 (likely due to ISI Citation Indexing).
- Downloads in 2013 were 12,950; well above 2012 (7,798) and 2011 (5,353).

The journal is also using *Ithenticate*, a new software being used for plagiarism purposes. And supplemental material is now part of journal’s online repository (i.e., for data sets, spreadsheets, code).

Editorial Board

The editorial board is comprised of three members nominated by ASEE and three members nominated by IIE.

Chris Jablonowski (University of Texas) is rotating off of Editorial Board as an ASEE representative.

John White nominated. Unanimous Approval.

John White will be ASEE’s representative for 2014-2017.

New editor will be needed for TEE in two and a half years.

10. PIC-I Chair (Adrienne Minerick) Update

ASEE’s new logo is unveiled tomorrow (June 17, 2014). ASEE divisions are encouraged to go to new logo as stationary and other consumables are used.

ASEE Board Committee, Diversity Committee, is proposing a year of action (on diversity) for 2014-2015 that PIC Chairs and Division Leaders to incorporate at least one activity for how to address this issue. Ideas are there; willing to accept new ideas; and do cross-division collaborations.

Online Membership (no paper packets, PRISM, etc.) is being encouraged with cheaper dues. This is a paperless membership (thus, no paper magazine or journals).

Officer list, signature page, etc. are due.

Special project funds could use the money with the year of action (needs to be matched with division funds).

Effort to log and track all awards across all divisions; thus, try to work on getting historical award listing in divisions; need to check ASEE website to see if it is accurate.

ASEE is looking for opportunities to improve such as search capabilities on ASEE website.

Suggestions from EE Members to PIC-I Chair: no hotels without free internet, no paid bands for exhibit hall, online program chair training (rather than at the conference), if 7AM sessions then registration desk needs to be open earlier than 7AM, names not exactly the same for *Monolith*, dates are wrong for future ASEE conferences in this year's program, new members liaison, new members are younger than retaining members (membership peaked in 2008), could perhaps have a mentoring or award for new faculty; what about coordinating conference registration with membership rate; Dean's Council did they discuss buying memberships for all assistant professors; free wifi in conference center.

11. Old and New Business

Promotion Money, \$500, from ASEE to use for a special event (not for food/beverage); proposal and approval process (must be something that is out of the ordinary, would otherwise not normally do). Money would need to be matched with division funds.

As requested by Jerome Lavelle, a reprise of the Wellington Award Session from IIE (IERC), Jane Frasier provided an overview of her presentation (a genealogy and what former wellington award winners have done, schools, research, etc.; and a Wellington background, his book, ...); she may do some work on a history of Engineering Economy. And a discussion of Engineering Economy versus Engineering Economics; this is more about Engineering Economy, not economics (with comparison to Agricultural Economics (AE), since AE is based off of economics; whereas, Engineering Economy is a different subject altogether). It was noted that the 1st edition of Wellington (1877) did not have much Engineering Economy (only a brief mention/quote); whereas, the 2nd Edition (1887) is much more detailed (with table, commentary). Jane Frasier mentioned having an IE PhD Legacy Project and PhDTree.org. Ted Eschenbach wants the work in the archival literature (either a letter to the editor to TEE or an article).

Discussion for Sponsored Projects: diversity, etc. (as mentioned by PIC-I Chair).

Ted Eschenbach mentioned reaching out to new faculty who are being assigned the Engineering Economics teaching assignment. Bill Peterson suggested a Sunday Workshop for new faculty and PhD students. Gene Dixon suggested a panel for younger faculty to discuss methods to give ideas for more-experienced Engineering Economics Faculty. The onus will fall on the division officers for putting this project together.

Gillian Nicholls mentioned that ASEE could do webinars, similar to IIE and ASEM.

Kim Needy, EE division needs to be cognizant of new awards will need to have ASEE approval

12. Miscellaneous

Gene Dixon mentioned that cruises from Seattle next year to Alaska are offered by HollandAmerica (\$2500-\$3500); Ted Eschenbach mentioned perhaps a local greeting. Gene Dixon mentioned there are also cruises from New Orleans for 2016.

Neal Lewis reminded everyone that the division dinner is at 7PM (June 17).

13. Adjourn

Call to adjourn (Neal Lewis; 2nd by Erick Jones)

Unanimous Approval.

Appendix:

Treasurer's Report – by Erick C. Jones

Current as of June 12, 2014

We have four accounts.

The “Local-EconDiv” Grant Award account (for the annual Best Paper in *The Engineering Economist* Award) is managed separately.

The three managed by the Treasurer are: the BASS (Bank and Accounting Services System) account, the Operating Account, and the Best Paper Account (for the Best Conference Paper). The BASS account is our primary account for various activities. The Operating account is funded by our allocation of ASEE dues (based on membership numbers) and is a “use it or lose it” account from year to year with balances returning to ASEE national.

Operating Account #322

Balance as of June 30, 2013:	\$62.05
Income:	\$129
Expenses	\$66.95 (plaque for best conference paper)
Balance as of May 31, 2014:	\$0.00

BASS Account #222

Balance as of June 30, 2013:	\$12,110.96
Income:	\$3,087.22 (includes TEE royalties)
Expenses:	\$1,028.14 (Grant Award)
Balance as of May 31, 2014:	\$14,170.04

Local-EconDiv #422 (Grant Award)

Balance as of June 30, 2013:	\$32,280.45
No activity	
Balance as of June 30, 2014	\$32,628.97

The EED Treasurer receives quarterly reports on the above three accounts.

Best Paper #122 (Best Conference Paper)

Balance as of June 7, 2013:	\$70,840.18
Expenses:	\$1,000.00
Balance as of June 12, 2014:	\$74,212.08

Updates on the Grant Award account are sent to the Editor of The Engineering Economist. Also the ASEE, Accounting Director, Andrew Miller has provided the details for this report (a.miller@asee.org, 202-331-3540). However note that based on decisions made at annual meetings, the Grant Award has been paid from the BASS account for the past several years. A decision will need to be made this year as to whether to continue to do so. The Conference Best Paper is always paid from the BASS account and funds must then be transferred from the Best Paper account since there is no check writing ability from that account.