ETD Business Meeting Minutes 18 June 2014

The ETD Business Meeting of the ETD was called to order at 12:30 PM on June 18, 2014 by Keith Johnson, Chair of ETD, in Indianapolis, IN.

Ken Rennels moved to accept the ETD Business Meeting Minutes of February 6, 2014. The motion was seconded by Marilyn Dyrud and approved unanimously.

PIC II: Cathy Skokan described the role she plays between ETD and ASEE Board and made several announcements. By-Laws should be reviewed every decade. Tuesday the new ASEE logo was unveiled and ETD will have to revise its logo in the future. It will not require resubmission. The ASEE IT department is examining the search and navigation capability on the ASEE website. Send suggestions to Cathy. She noted that the ETD Board is a good example of diversity. Soft copy of Prism is available on line but members must be proactive to get it. July 15 is the deadline to submit the ETD officer list to ASEE and PIC II. Special funds for PIC Chairs are available for up to $500 to make ASEE more visible. A call will be out in the next couple of months. Divisions must match funds. PICs are on the outstanding faculty award selection committee. Cathy suggested looking at awards to see if anyone from ETD qualifies. Jay mentioned the Quinn Award which last year had only one nominee. The next annual conference will be 14 June 2015. Marilyn mentioned that the timing of the Annual Meetings interferes with some academic programs and some people are still teaching. Cathy indicated that the dates are set through 2020.

OFFICER and ETD COMMITTEE REPORTS:

Treasurer’s Report: Ken Rennels gave the Treasurer’s Report. The allocation from ASEE for the ETD Operating Account (#F024) is one dollar per ETD member which amounted to $580. This is a use or lose account from ASEE. The Operating Account has a balance of $0.00 since this $580 was allotted for the ETD Best Paper Award along with $422 from the BASS account. The ETD BASS Account (#FB24) has a balance of $81,214.41. Not reported is the estimated CIEC income of $6,467.22. The BASS Account has grown from $15,793.54 in 2005 to $81,214.41 in 2014. ETD owes ETC $4460 for the McGraw Banquet from last year. $10,620 of the $15,000 that was awarded last year was paid for mini-grants. $10,000 has been allocated for mini-grants Marilyn moved to accept the Treasurer’s report and Scott Segalewitz seconded. The motion carried unanimously.

Keith Johnson recognized Bob Herrick as the McGraw Award winner and Jay Porter as the Berger Award winner. Ragu Athinarayanan was presented a plaque for being the ASEE Annual Program Chair for ETD.
As a departure from previous meetings Ed Tezak passed put the reports from the various officers to the members. Copies of the reports are attached to these minutes. This enabled the general membership to have access to the information and enabled the membership to concentrate on the ETD Strategic Plan.

NEW BUSINESS

Strategic Plan: Keith Johnson presented the Draft Strategic Plan. There are only two goals.

Strategy 1. He mentioned the first strategy of having conference calls has already taken place. Ken Rennels mentioned that the revision of the logo would fit into Strategy 1 and should be added. Marilyn will take on the action to revise.

Jay Porter mentioned that implementation of a Dean’s Council may be impractical since many ET Dean’s do not come to ASEE conferences. Ron Land mentioned that ETLI may really be the proper forum to address issues. The general consensus was to strike the last item under Strategy 1.

Strategy 2. Discussion about subsidizing division membership costs. There was discussion about the Dean’s Program which covers one year and ASEE covers the second. Scott Segalewitz suggested that we might consider using the PIC money to support a brochure or mailer. Marketing material must be developed for distribution once a year. Jay asked if we can get a new membership list. Keith will try to get the list. Keith asked for volunteers for a membership committee chair. Jay volunteered to send out a monthly email announcement. Marilyn has a brochure that was previously developed and will send it to Jay. There was discussion about benefits which includes JET and eligibility for mini-grants. Tim Zeigler suggested using the Berger Luncheon slot and possibly create an awards event/luncheon. Tom Hall is investigating the possibility of an Awards Banquet of which McGraw is a part. Scott Segalewitz volunteered to chair the membership committee and Jay and Marilyn, Tim and Dave Goodman.

Strategy 3. Verna Fitzsimmons is responsible for Strategy 3

The meeting was adjourned at 2:05 PM.

Respectfully submitted,

Edward G. Tezak
Secretary
Engineering Technology Division
At-Large Report
Engineering Technology Division
ASEE 2014

Prepared by Marilyn Dyrud
Oregon Institute of Technology

My major activity since our CIEC meeting has been to work with Ron Land and John Williams on developing reviewer guidelines to increase the quality of ETD paper reviews. We have completed our task, and the document is attached. The only item remaining from this charge is to develop a process to accompany the new guidelines.

A secondary activity has been to work with the mini-grants; I served as an evaluator and have submitted a revision of the guidelines, also attached.
Peer Review Guidelines
ASEE Annual Conference

To help ensure consistency in the process, please follow the guidelines below:

1. Upon manuscript receipt, please notify the program chair immediately, at [   ], if you cannot conduct the review.

2. Complete the review form below. Please be conscientious about deadlines; reviews are due by [   ].

3. As you read the manuscript, consider such larger questions as
   - Is the topic appropriate for an ET audience?
   - Is the purpose clear?
   - Is the organization plausible?
   - Is the paper well written?
   - Is the author making a contribution to the field or simply repeating old information?

4. Consider the content
   - Does the content present new ideas, methods, or activities?
   - Does the content advance engineering technology education?
   - Was the effect of the content on education and outcomes measured?
   - Is this a best practice worthy of further study or replication?

5. Check references to ensure that the author(s) has responsibly paraphrased and attributed information appropriately. If you discover academic integrity violations, notify the program chair immediately; include the suspect sections and the original source(s). Consider such items as
   - Does the paper have a sufficient number of references?
   - Are references current or appropriate to the topic?
   - Has the author discussed the references or used a “laundry list” technique?
   - Do references fully support the topic?
   - Are the citations in the appropriate format?

6. Check graphics; those reprinted from another source should include a permissions statement. The figure caption should include the statement “Reprinted with permission.” A citation is not sufficient.
7. Choose one of five possible categories for your decision:
   - *Accept as is*: the manuscript meets all publication specifications and requires only minor copyediting
   - *Accept with minor revisions*: the manuscript meets ASEE author guidelines and requires some adjustments by the author
   - *Accept with major revision*: the manuscript may be promising but has major flaws, such as unclear writing, inadequate explanations, calculation errors, etc.
   - *Reject*: the manuscript is seriously flawed, either in content or writing

8. Include comments to the author(s). These should be constructive, allowing the author(s) to revise, and should support your decision in 6 above.

Thank you again for serving as a proceedings reviewer. We look forward to your continued participation.
Peer Review Form

Paper Number & Title: _______________________________________________________

Consider the following points, and mark a numerical score in the box following each item:
5 = strongly agree, 4 = agree, 3 = neutral, 2 = disagree, and 1 = strongly disagree.

[We need a little process statement here, something like “Treat this as a worksheet to complete prior to entering your review into Monolith.”]

1. The subject is timely, up-to-date, and useful: [ ]
2. The paper describes original or innovative ideas or approaches: [ ]
3. The paper should be of interest to the intended ETD session/audience: [ ]
4. The paper is applications-oriented and relevant to technology education: [ ]
5. The paper appears to be technically and factually sound: [ ]*
6. The paper is written in a scholarly tone: [ ]*
7. Proper grammar, punctuation, syntax, & spelling are used: [ ]*
8. Overall, the paper is well-written; i.e., the components listed below exist, are fully developed, and presented clearly and concisely: [ ]*
   - introduction
   - body
   - summary
   - recommendations and/or conclusions
   - references cited, as appropriate
9. The treatment of the topic is complete: [ ]*
10. You enjoyed reading the paper: [ ]*

Aggregate score: ______ (total of individual rankings assigned above; max = 50)
Check one of the following to indicate your overall recommendation for this paper. You will be asked for this recommendation when entering your review in the Monolith system. (Note: unless you scored a 4 or greater on all of the above evaluation items and you have no comments or suggestions for the author, you should not choose “Accept as is”)

( ) Accept as is

( ) Accept with minor revision

( ) Accept with major revision

( ) Reject

* If your score for any of the topics marked with an * is rated 1, 2, or 3 on the scale of 1 to 5, you should include comments below describing your concerns. Comments should provide specific suggestions to improve the paper; avoid general statements such as “The paper should be re-written.”

Comments: (Add pages as necessary)
The Engineering Technology Division (ETD) sponsors a Mini-Grant Program which provides members of the division an opportunity for partial funding on projects that will benefit ETD or a segment of the engineering technology community. This set of guidelines will help applicants develop a proposal for the grant and acquaint them with the evaluation criteria.

**Project Types**

While ETD members have latitude in the choice of project, it should benefit either the ET Division or a significant portion of the engineering technology community. Ideally, a project will align with the ETD Strategic Plan and benefit the entire engineering technology spectrum. It may focus on a single discipline and/or be of use to a particular college or system, as long as the results will benefit the larger ETD community.

**Funding Levels**

The ETD Executive Committee allocates funds to the Mini-Grant Program annually at the summer Executive Committee meeting. The recipient’s institution must match ETD funding 100%, as indicated by a support letter from the appropriate personnel. The match can be monetary or in-kind. The level of mini-grant funding will be announced to the ETD membership via the ETD listserv and website. Indirect costs are not eligible for mini-grant funding.

Successful applicants will receive 50% of the funding immediately upon approval of the proposal and the remaining funding when they fulfill the deliverables requirement. The ETD Mini-Grant project director must be a member of the Engineering Technology Division of ASEE to qualify for funding.

**Deliverables**

Grant recipients must submit a report to the ETD Executive Committee at the conclusion of the project, detailing how the ETD funding was used. The recipient is strongly encouraged to publish findings/results in an article to be submitted to the *Journal of Engineering Technology (JET)*, following journal guidelines, although actual publication would be at the discretion of the journal editors. Additionally, recipients will present their findings/results at the Conference for Industry and Education Collaboration (CIEC).

**Evaluation**

An ad hoc committee made of ETD Executive Committee members will evaluate all proposals according to criteria that includes, but is not limited to, the following:

- **Breadth of Appeal** The interest/appeal that a proposed project will have to the broad range of programs and technical interests of ETD membership. Broad appeal is preferable.
- **Innovation/Creativity** The uniqueness, innovation, or creative thinking exhibited by the proposed project.
• **Practicality**  How practical it would be for other members of ETD to adopt, adapt, or use the results of a project. Applicants should consider items such as cost, resource demands, geography, environment, program size, etc. that would impact the use of project results by other programs.

• **Affordability**  Affordability, cost effectiveness, and other resource demands required of other ETD members should they choose to replicate, adopt or otherwise use results of the completed project.

• **Timeliness**  How well the proposed project reflects the current state of technology, educational emphasis, industrial interest, or developing subject matter in the area addressed by the proposal.

• **Quality**  The proposal reflects sufficient attention to writing and project details.

**Proposal Document**

The proposal should include

1. Identification of project director, including institution and contact information

2. Abstract that includes an introduction and statement of the issue

3. Justification that includes the project’s purpose, objectives, goals, and benefits to the broader engineering technology community

4. Specific anticipated results to be provided in the report

5. Anticipated timeline (two years maximum) identifying key phases

6. Anticipated project budget showing the use of mini-grant and matching funds. Applicants must include a statement from appropriate personnel detailing the source of matching funds or in-kind.

7. Two-page curriculum vitae using ABET format for the project director.

The proposal should be no longer than three pages, not including a one-page budget, project director curriculum vitae, and any supporting appendices.

**Submission Procedure**

The mini-grant request for proposals (RFP), including submission instructions, will be published via the ETD listserv and website in August when mini-grant funding is available.

**Other Items**

*Unused Funds*  If the project is not completed, all ETD funds will be returned to the ETD treasurer.

*Logos*  Final work should include current ASEE and ETD logos.
Revisions
The review committee may suggest project modifications, but their inclusion is at the discretion of the project director.

Restrictions
Grant recipients should use funding in a prudent manner that advances project completion.

Copies of Final Work
The project director should provide the ETD mini-grant coordinator with a digital copy of the completed project for inclusion in the ETD archive.

Process upon Approval
A representative of the ETD Executive Committee will notify the project director upon approval of the proposal. The project director will contact the ETD treasurer regarding transfer of funds and submission of a written agreement to provide the ETD Executive Committee with a copy of the final report on or before the date specified in the proposal.

The ETD Executive Committee will monitor the project status and may periodically request status reports.

| American Society for Engineering Education    |
| Engineering Technology Division               |
| Treasurer's Report - ETD Executive Committee Meeting - Indianapolis, IN |
| June 15, 2014                                 |

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<thead>
<tr>
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<td>31-Mar-2014 ETD Dues Allocation $ 480.00 $ 1,290.00</td>
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<table>
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Outstanding Encumberances

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Ending Balance 12/31/2013

$81,214.41

ETD Operating Account (3624000)

Beginning Balance 12/31/2013

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Ending Balance 3/31/2014

$ -

Footnotes

1 Bass is the acronym for Banking and Accounting Services System.
2 Annual Allocation was $668 in FY2011
3 Annual Allocation was $593 in FY2012

American Society for Engineering Education
Engineering Technology Division
BASS Account Income Statement

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<td>$ 29,550.71</td>
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<td>$ 17,362.26</td>
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Footnotes

1 Is the acronym for Banking and Accounting Services System.
2 Annual Allocation was $668 in FY2011.
3 Annual Allocation was $593 in FY2012.
## Expenses

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<tr>
<th>Category</th>
<th>FY 2012</th>
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<th>FY 2014$^2$</th>
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<td>ETLI Expenses</td>
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<td>$1,935.96</td>
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<td>Mini-Grants</td>
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<td>Best Paper Award</td>
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<tr>
<td>Other</td>
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<td><strong>Total Expenses</strong></td>
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**Notes:**
- CIEC$^1$ 2007 CIEC income moved from FY 2008 to FY 2007 to better reflect annual balances
- 2010 CIEC income moved from FY 2011 to FY 2010 to better reflect annual balances
- 2013 CIEC income moved from FY 2014 to FY 2013 to better reflect annual balances
- FY 2014$^2$ Income and expenses through March 31, 2014
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<td>$73,732.91</td>
<td>$90,268.38</td>
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Draft ETD Strategic Plan (as of 6-1-2014)

**ENGINEERING TECHNOLOGY DIVISION (ASEE)**

**STRATEGIC PLAN – A Prioritized List of Strategies for the Next Two Years**

<table>
<thead>
<tr>
<th>Date Prepared: 6/2014</th>
<th>Accepted:</th>
<th>Revised:</th>
</tr>
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</table>

**Goal #1**  
*Strengthen the ETD and its ability to represent and support engineering technology faculty*
<table>
<thead>
<tr>
<th><strong>Strategy 1:</strong></th>
<th>Continue to develop an infrastructure to advance the ETD.</th>
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<tbody>
<tr>
<td><strong>Overall Responsibility of:</strong></td>
<td>ETD Chair</td>
</tr>
<tr>
<td><strong>Action Items:</strong></td>
<td><strong>Person Responsible</strong></td>
</tr>
<tr>
<td>Bi-monthly conference calls of the ETD Executive Board</td>
<td>ETD Chair</td>
</tr>
<tr>
<td>Paper/electronic meeting agendas before each meeting or conference call</td>
<td>ETD Chair</td>
</tr>
<tr>
<td>Formal annual strategic plan review by ETD board each year</td>
<td>ETD Chair</td>
</tr>
<tr>
<td>Strategic Plan posted on ETD websites</td>
<td>ETD Web Master</td>
</tr>
<tr>
<td>Joint meeting/confrence-call ETC Leadership-ETD Leadership (twice per year)</td>
<td>ETD Chair</td>
</tr>
<tr>
<td>Agenda creation that contains all committee and other reports for ETD Executive Board and Business meetings at ASEE and CIEC, distributed one week before the meetings</td>
<td>ETD Chair</td>
</tr>
<tr>
<td>ETD Executive Board and Business meetings at ASEE and CIEC</td>
<td>ETD Chair</td>
</tr>
<tr>
<td>Strategy #2:</td>
<td>Build ETD Membership</td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------------</td>
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<tr>
<td><strong>Overall Responsibility of:</strong></td>
<td>ETD Past Chair</td>
</tr>
<tr>
<td><strong>Action Items:</strong></td>
<td>Person Responsible</td>
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<tr>
<td>Send monthly reminders via the ETD Listserv about joining ETD when renewing ASEE membership</td>
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<td>Develop and implement incentive program for new members</td>
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<tr>
<th>Strategy #3:</th>
<th>Accomplish Gap Analysis of membership desires/needs</th>
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<td><strong>Overall Responsibility of:</strong></td>
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<tr>
<td><strong>Action Items:</strong></td>
<td>Person Responsible</td>
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<tr>
<td>Develop brief survey for membership</td>
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<tr>
<td>Field survey</td>
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<tr>
<td>Analyze and distribute results</td>
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### Goal #2  
**Enhance ET Faculty and ET Administrator’s Careers**

<table>
<thead>
<tr>
<th>Strategy #1</th>
<th>Provide funding opportunities for ET faculty</th>
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<tr>
<td>Overall Responsibility lies with:</td>
<td>ETD ExCOM</td>
</tr>
<tr>
<td>Action Items:</td>
<td>Person Responsible</td>
</tr>
<tr>
<td>Continue funding the ETD mini-grant program</td>
<td>ETD ExCOM</td>
</tr>
<tr>
<td>Administer Mini-Grant program</td>
<td>Ken Rennels</td>
</tr>
</tbody>
</table>

**Timeframe:**

### Strategy #2  
**Enhance publishing rate in Journal of Engineering Technology**

<table>
<thead>
<tr>
<th>Overall Responsibility lies with:</th>
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<tbody>
<tr>
<td>Action Items:</td>
</tr>
</tbody>
</table>

### Strategy #3  
**Engineering Technology Leadership Institute (ETLI)**

<table>
<thead>
<tr>
<th>Overall Responsibility lies with:</th>
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<tr>
<td>Action Items:</td>
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</tbody>
</table>

### Strategy #4  
Systemic approach to grooming/nomination for national awards (Berger Award, McGraw Award, Davis Award & ASEE Fellows and Others).
Overall Responsibility lies with:

<table>
<thead>
<tr>
<th>Action Items:</th>
<th>Person Responsible</th>
<th>% complete</th>
</tr>
</thead>
</table>

ASEE 2014 Report – Ragu Athinarayanan

115 Papers submitted
26 Rejected
54 published and assigned to sessions

14 Technical Sessions - All scheduled for Monday and Tuesday (details for all sessions are at bottom of email)

6 Business Meetings - Scheduled for Sun-Wed
ETD Business Lunch - Box Lunch $22/person (they pay when registering online)
JET Meeting - Last year we did not ticket this event. Did we pay for breakfast, charge at the door, or something else? - plated breakfast $20/person estimating about 20 people
MET Dept Heads Mtg
ECET Dept Heads Mtg
ETD Exec Board Mtg
Civil Dept Heads Mtg

Co Sponsoring 6 sessions:
Meeting for Incoming/Current Programs Chairs & Division Chairs
Distinguished Lecture: Are you ready for the next generation?
Engineering Technology National Forum
ETC/ETD McGraw Award Banquet
Tau Alpha Pi Business Mtg
Interdivisional Town Hall Meeting

Poster Session: Cancelled due to having only 1 person who volunteered and they did not submit paper to ETD division
CIEC 2015 Report – Helen McNally
Planning meeting held 22-24 April, 2014 in Palm Springs.
Two workshops planned (one half-day Tuesday and one full-day Saturday)
Eight Sessions Planned including
  History of ET
  Collaborations that Strengthen ET programs
  Nuts and Bolts of ET
  ET National Forum
  Future of ET Education – Graduate Programs
  Dean’s Panel
  Diversity and Inclusion Efforts in ET Programs
  Potpourri
Two Co-sponsored Sessions with CEEP and CIP
Meetings Scheduled include
  ETD Board Meeting
  ETD Breakfast and Business Meeting
  ECETDHA Board Meeting
  ETC Board Meeting
  JET Meeting
Hospitality event co-sponsored with CIP, and rotating with CEEP and CPD
Poster Session planned

Report from Vice-Chair Communications

Jay Porter

- The Engineering Technology Division page is still operational and can be found at http://www.engtech.org.

- The ETD site requires continued maintenance and I am asking the officers from the represented groups (ETD, ETC, ETLI, and ECETDHA) to continue monitoring the website and sending updates as required. Please remember to send your updates to me for posting in a timely manner. I have no other reliable way of receiving current information than through your active participation. This especially includes updated organization lists and current organization minutes. Getting these posted as soon as possible is critical to keeping our respective memberships up-to-date with our
Recent changes to the website include:

- Conferences section has been updated.
- Appropriate minutes and officer lists have been updated based on information either sent in from the different organizations and information available on the web. The officer lists have been updated as they are received.
- A new page on the ETD mini-grant has been added. This page will now include final reports for minigrants as they are received.
- A new page that includes past ETD bibliographies has been added.
- Updated the listserv instructions with the new rules.

Please send comments, feedback and suggestions about the ETD website to Jay Porter at jporter@tamu.edu.

From: Rennels, Ken [mailto:krennels@iupui.edu]
Sent: Wednesday, June 04, 2014 12:54 PM
To: Johnson, Keith V.
Subject: RE: New Officers

Keith,

I’ve attached a draft of the 2014-15 officers. Based on the election results, the following officers were reelected:

1. Ed Tezak Secretary
2. Jay Porter Vice Chair Communications
3. Marilyn Dyrud Member at Large

I’ve updated their terms on the attached list. Also based on the election:

1. Faith Oncul was elected as the Assistant Vice Chair Programs
2. David Goodman was elected as the Assistant CIEC Program Chai

Associate Professor Ken Rennels, P.E.

Journal of Engineering Technology
Editor-in-Chief Report  
ASEE June 2014 Meeting

1. The current account balance is $85,370.45.
2. The Spring 2014 *JET* issue was published and mailed to subscribers in May 2014. The issue contained four peer reviewed articles.
3. There are currently four (4) additional manuscripts in various stages of review, that are currently being processed for the Fall 2014 issue.
4. We published ads in the September 2013 and January 2014 issues of the *Prism*.

5. Members of the *JET* Editorial Board presented a panel session at the 2014 CIEC titled “Publishing in *JET*.” Panel members included Marilyn Dyrud, Susan Scachitti, and Charlie Edmonson.

Best regards.

Charlie Edmonson  
Editor-in-Chief

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2013 - 14 Annual Report to the ASEE Board of Directors

Engineering Technology Council (ETC)

Respectfully Submitted:

Jeffrey L. Ray, Chair

The following highlights some of the important ETC activities of the past year being addressed by both the ETC institutional representatives and Engineering Technology Division members.

ETC Public Policy Initiatives

As part of the Engineering Technology National Forum (ETNF) activities, the ETC continues to hold conversations with several federal government agencies to address the GS-0800 standard for classification of engineers employed by the federal government. In person and teleconference focus group meetings have been held with the Office of Personnel Management (OPM) to review and assess the standard with other government agencies including the Department of Transportation, NASA, Corps of Engineers, Department of the Interior, and Department of Labor.
Through the efforts of several ETC leaders, the National Academy of Engineering was awarded an NSF grant of $500K to implement a study entitled “Status, Role, and Needs of Engineering Technology Education in the United States.” This 18-month, consensus study will review the production and employment of engineering technologists and technicians in the United States; gather available data and explore private- and public-sector employer perceptions regarding the adequacy of the supply of engineering technologists and technicians as well as the appropriateness of the knowledge and skills they bring to the workplace; and describe the characteristics of U.S. engineering technology education programs. Several ETC members are represented on the committee. The first meeting was held in March at NAE. A September 2014 workshop is currently being planned.

**Engineering Technology Leadership Institute (ETLI)**

The ETLI is the ETC’s equivalent to the Engineering Deans Institutes. The 2013 ETLI met in Washington, D.C. area for the first time to take advantage of the ongoing ETC activities occurring in our public policy initiatives. The ETLI has typically been sponsored and held on ET campuses. The 2013 ETLI was one of the largest ever attended events in recent history. The ETLI subcommittee is planning the agenda and speakers to hold the meeting again in Crystal City, Virginia on October 10, 2014. The title of this years Leaders Institute is “Engineering Technology: Pathways, Perspectives, and Roles”.

**ETC Executive Board Meetings**

Meetings of the ETC Executive Board were held at the 2013 ETLI and the 2014 Conference on Industry Education Collaboration in Savannah, Georgia. The ETNF and ETLI subcommittees continue to hold monthly conference calls with several Board members present.

**Engineering Technology National Forum**

ASEE-ETC Subcommittee

2014 ASEE Conference – ETNF Report for ETC and ETD

Submitted by Robert Herrick, Chair of ETNF  6/17/2014

1. The 2014 ASEE ETNF was held Monday 6/16/2014 at 2:15 PM in Indianapolis, IN. Session led by Robert Herrick and included:
   - OPM project status – Ron Land
   - NAE update on newly launched 18-month study – Ken Burbank (liaison); Jeff Ray & Walt Buchanan (panel members)
   - 2014 ETLI Direction (participant input) – Pat Fox, et al.
     - See 2014 CIEC ETNF minutes for description of 2013 ETLI program
     - Attendee input provided on potential speakers and possible topic questions
• ETNF Future National Strategic Directions (participant input) – Robert Herrick, et al.
The attendees then voted on these potential initiatives.

1st place votes
From ETLI – 7 votes
• Marketing – vote branding primarily
• ET vs General Engineering
• Ranking ET – 1 vote
Future Studies – 4 votes
Professional Engineering Licensure – 3 votes
Political Influence – 3 votes
Delivery, Mentoring and Validation – 2 votes
Articulation & credentialing to improve student success – 2 votes
Faculty and Student Diversity – 2 votes
Publication beyond ET Freshman Level (more applied, more practical) – 0 votes

2nd place votes
Articulation & credentialing to improve student success – 6 votes
Delivery, Mentoring and Validation – 4 votes
From ETLI – 3 votes
• Marketing – vote branding primarily
• ET vs General Engineering
• Ranking ET – 1 vote
Future Studies – 2 votes
Professional Engineering Licensure – 2 votes
Political Influence – 2 votes
Faculty and Student Diversity – 2 votes
Publication beyond ET Freshman Level (more applied, more practical) – 1 vote
**Combined 1\textsuperscript{st} + 2\textsuperscript{nd} votes**

From ETLI – 10 votes
- Marketing – vote \textit{branding} primarily
- ET vs General Engineering
- Ranking ET – 1 vote

Articulation & credentialing to improve student success – 8 votes
Delivery, Mentoring and Validation – 6 votes
Future Studies – 6 votes
Professional Engineering Licensure – 5 votes
Political Influence – 5 votes
Faculty and Student Diversity – 4 votes
Publication beyond ET Freshman Level (more applied, more practical) – 1 vote

Input to be discussed and analyzed by ETLI planning committee and the ETNF.

The next three annual ETLI conferences will be held in Crystal City (DC) based upon the success of the 2013 ETLI success. A consideration for the future: expand this 1-day Friday conference into a Thursday-Friday meeting with Thursday dedicated to a focused effort on outreach to DC based constituents and government agencies.

2. Ken Burbank leading effort with NAE to produce an NSF funded ET Study. See 2014 CIEC ETNF minutes for details. Walter Buchanan and Jeffrey Ray are serving on a 12-person commission for this study which was initiated March 21, 2014. There will be a public meeting in November, 2014 open to others.

3. Ron Land is the leading effort with the U.S. Office of Personnel Management (OPM) on GS800 federal description of engineering position. Significant progress with several conference calls and face-to-face meetings in DC with OPM personnel and federal agencies that use engineers. A major review was conducted over the past year of a proposal to allow graduates of BSE and BSET ABET approved programs to apply for Federal Engineering positions. We are currently awaiting a revised version of a new draft to go through a second review cycle.

4. ETNF leadership team continues to meet routinely between formal sessions for continuity of effort.