

ASEE Industrial Engineering Division Business Meeting

Wednesday 24 June 2020

Virtual Conference (2:30 – 3:30 PM EDT)

Prepared by Lisa B. Bosman

Welcome/Call to Order

The division chair Paul Lynch called the meeting to order at 2:30 PM ET and welcomed everyone to the Industrial Engineering Division (IED) Business Meeting. The virtual business meeting was held via Zoom, and the following people were recorded as present.

Aimee Ulstad
Bill Schell
Bob Creese
Cecelia Wigal
Christi Luks
Ebisa Wollega
Eric Specking
Faisal Aqlan
Henry Lester
Jamie Rogers
Jane Fraser
Joe Wilck
Julie Swann
Justin Kile
Katie Basinger
Kim Needy
Kris Jaeger-Helton
Lawrence Whitman
Leonardo Bedoya-Valencia
Lisa Bosman
McKenzie Landrum
Megan Hammond
Paul Lynch
Raymond Smith
Rick Olson
Sanaz Motamedi
Sandy Furterer
Tish Pohl
Verna Fitzsimmons

Paul Lynch introduced the following officers for the year ending June 2020:

Division Chair:	Paul C. Lynch
Program Chair:	Ebisa Wollega
Program Chair-Elect:	Raymond Smith III
Secretary/Treasurer:	Lisa B. Bosman
Awards/Past Division Chair:	Justin W. Kile
Directors:	Leonardo Bedoya-Valencia (2021) Jessica (Matson) Oswald (2021) Rick Olson (2020) Tish Pohl (2020)
Webmaster:	Lawrence Whitman
Diversity Committee Delegate:	Karen Bursic
P-12 Committee Representative:	Justin W. Kile

Professional Interest Council I Chair Report and Discussion

Christi Patton Luks (luksc@mst.edu) was introduced as the current (2019-2020) PIC I Chair. The follow topics were presented.

- ASEE meetings code of conduct
 - Work in progress to establish committees/policies/processes around the code of conduct.
 - The current handbook can be accessed here:
<https://www.asee.org/documents/member-resources/resources/CodeofConductforASEEActivitiesandEvents.pdf>
- Conference Information
 - Qty of Attendees (as of Jun 21, 2020) = 3,263
 - Qty of Published Papers = 1762 (+8 > 2019)
 - Qty of Unique Authors = 1423 (+19 > 2019)
 - Presentations will be available in “view only” for up to a year
- PIC Redistribution
 - Current PICS will dissolve prior to the Jun 29, 2020 board meeting.
 - Reorganization has been underway for more than 2 years. For example, one PIC had 12 divisions while another had 3 divisions. It didn’t seem fair (e.g., best PIC award is more or less competitive depending upon your PIC).
 - Moving forward, it is proposed that the IED be re-assigned to PIC II (as requested by IED). In addition, IED will be in the same group as Engineering Economy, Engineering Management, and Systems Engineering. The PIC II chair is Chell Roberts.
- ASEE finances
 - Anticipating a shortfall of \$733K in annual conference income

- Per COVID-19, ASEE received a \$1.1 M PPP loan from the government (to cover staff salaries and rent). ASEE is unsure if this will remain as a loan or be converted to a grant.
- ASEE Membership (as of Q2)
 - Institutional (academic): -0.7%
 - Institutional (non-academic): -4.08%
 - Individual: -3%
- Bylaw Policy Change
 - All units required to have diversity, equity, and inclusion statement (DEI) in bylaws and approved no later than annual conference 2021
 - Division bylaws need to be revisited/updated every five (5) years
- BASS Accounts
 - 30% charge on BASS account income will continue to be expensed by ASEE to cover the fund management
 - Each division needs to submit spending/budget plan for the upcoming year
- IT Updates
 - Monolith replacement is underway
 - ASEE Hub is scheduled to be released July 2020
 - AMS and CMS web platforms are scheduled to be released July 2021
- BEST Overall PIC Paper
 - PIC III – “Do open-ended design projects motivate first-year engineering students? By Chao Wang (Arizona State University)

On behalf of the Industrial Engineering Division, Ebisa Wollega thanked Christi for her efforts, especially with the conversation to the virtual conference.

Approval of 2019 Meeting Minutes

The division chair, Paul Lynch, distributed minutes (via email) from the 2019 business meeting for approval. Aimee Ulstad made a motion to approve the minutes, McKenzie Landrum seconded the motion. The minutes were approved unanimously.

Program Chair Report

Ebisa Wollega presented the following IED conference papers statistics comparing the current year to the past four years. Overall, the number of abstracts submitted in 2020 increased while the number of papers published in 2020 declined.

	2020	2019	2018	2017	2016
Abstracts submitted	21	15	36	19	27
Abstracts accepted	17	-	-	-	-
Drafts submitted	10	9	24	-	-
Drafts rejected	0	0	2	2	-
Final papers submitted	7	9	21	-	-
Papers transferred	0	0	0	-	-

Papers published	7	9	21	9	16
Diversity related	1	2	7	2	-
Posters	0	0	2	1	0
Panels	0	0	0	1	0
Reviewers pool	41	31	60	63	-
Reviewers assigned	36	17	51	36	-
No. of reviews completed per paper (average)	Abstract = 3.4 Draft = 4.5	-	-	-	-

IED Best Paper Award

- “Applying Artificial Intelligence to the Beer Game” by Dr. Lisa Bosman (Purdue University, West Lafayette), Dr. Aasakiran Madamanchi (Purdue University, West Lafayette), Dr. Scott R. Bartholomew (Purdue University, West Lafayette), and Dr. Vetricia L. Byrd (Purdue University, West Lafayette)

IED Best Paper Award Runner-Up

- “Incorporating Divergent Thinking Skills Development into a Project-based Course in Industrial and Systems Engineering” by Prof. Elif Akcali (University of Florida), Prof. Wayne C.W. Giang (University of Florida), and Ms. McKenzie Landrum (University of Florida)

New IE Educator Outstanding Paper Award

- “Multiplayer Physical and Virtual Reality Games for Team-based Manufacturing Simulation” by Dr. Faisal Aqlan (Pennsylvania State University)
- Co-Authors: Dr. Richard Zhao (Pennsylvania State University), Dr. Lisa Jo Elliott (Pennsylvania State University), and Mr. Ethan James Baxter (Pennsylvania State University)

IED Outstanding Student Paper Award

- “The CLICK Approach and Its Impact on Learning Introductory Probability Concepts in an Industrial Engineering Course” by Mr. James Devin Cunningham (Pennsylvania State University)
- Co-Authors: Dr. Christian Emmanuel Lopez (Lafayette College), Dr. Omar Ashour (Pennsylvania State University), Dr. Conrad Tucker (Carnegie Mellon University), and Dr. Paul C. Lynch (Pennsylvania State University)

P12 Committee Representatives Report

Justin Kile provided an update from the P12 committee. The following topics were discussed:

- New P12 Commission Chair: Mindy Zarske Malinda.zarske@colorado.edu
- P12 initiatives
 - Please consider getting involved to promote the IE discipline.
 - E4USA: NSF supported national pilot program for high school engineering course. <https://e4usa.umd.edu/>
 - PreK-12 engineering educators Professional Development Endorsement program run by ASEE. <https://etpde.asee.org/>
 - ASEE P12 Instructors and Parents Facebook Page: <https://www.facebook.com/groups/687366151802693/>
 - Journal of Pre-College Engineering Education Research <https://docs.lib.purdue.edu/jpeer/>
- Looking to collaborate with other divisions.
 - <https://sites.asee.org/p-12committee/asee-partnership-template-and-sample/>

Financial Report

Lisa Bosman presented the BASS summary for 2020, comparing against the 2018 and 2019 account summary. The summary is based solely on the report received from ASEE for YTD, posted on March 31, 2020.

	2018	2019	2020
Starting Balance	\$ 18,887.02 (10/01/2017)	\$ 16,896.34 (10/01/2018)	\$ 17,126.53 (10/01/2019)
Revenue	\$ 760.03	\$ 873.73	\$ 649.25
Expense	\$ 2,750.71	\$ 643.54	\$ 108.60
Ending Balance	\$ 16,896.34 (09/30/2018)	\$ 17,126.53 (09/30/2019)	\$ 17,667.18 (03/31/2020)

Diversity Committee (CDEI) Delegate

Karen Bursic provided an update from the diversity committee. The following topics were discussed:

- The “Committee” on DEI is now the “Commission” on DEI. This provides a different strategic position within ASEE.
- ASEE and SEFI (European Society for Engineering Education) developed a joint DEI statement.
- CDEI created a Constituent Award. Eligibility includes ASEE divisions, councils, zones, regions, committees, and ad hoc groups (not individuals).
- 18 nominations were submitted for the Best DEI Paper this year.
- CDEI has published new tips/guidelines for the DEI Paper Award. Check out their updated website for additional details.

2021 Call for Papers

Raymond Smith III provided a draft call for papers. The focus is on “Entrepreneurship and Industrial Engineering.”

Installation of New Officers

Paul Lynch led the installation. Because the bylaws provide for orderly transition of officers, only a new secretary/treasurer was needed to be elected. When nominations were solicited, Paul Lynch nominated McKenzie Landrum (University of Florida), given her expressed interest from last year. McKenzie is a lecturer in the ISE department and teaches courses in quality, lean manufacturing, and others. Eric Specking made a motion to approve, Rick Olson seconded the motion. McKenzie was elected by acclamation.

It was also approved to extend the terms for non-officer positions.

The membership accepted the slate of directors as indicated below. The IED officers for the coming year will now be:

	2019-20	2020-21
Past-Chair	Justin Kile	Paul Lynch
Division Chair	Paul Lynch	Ebisa Wollega
Program Chair	Ebisa Wollega	Raymond Smith III
Asst Program Chair	Raymond Smith III	Lisa Bosman
Sec/Treasurer	Lisa Bosman	McKenzie Landrum
Board of Directors (2 year term)	Leonardo Bedoya-Valencia ('21) Jessica (Matson) Oswald ('21) Tish Pohl ('20) Rick Olson ('20)	Leonardo Bedoya-Valencia Jessica (Matson) Oswald Tish Pohl ('22) Rick Olson ('22)
Diversity Committee		
Delegate	Karen Bursic	Karen Bursic
P12 Committee	Justin Kile	Justin Kile
Delegate		
Webmaster	Larry Whitman	Larry Whitman

New Business

- All officers and directors should double check their ASEE and ASEE IE Division membership status so the IE Division officers can be updated in the ASEE monolith system by June 28, 2020.

Adjournment

Paul Lynch adjourned the meeting at 3:35 PM ET.