

ASEE NORTH CENTRAL SECTION Newsletter December 2017

EDITOR: Jeff Kastner, University of Cincinnati

The Chair's Message



As the new Chair of the North Central Section (NCS) of ASEE, I would like to welcome everyone to another academic year. I take this opportunity to provide you a brief "state of affairs."

<u>Elections</u>: The results of the 2017 elections for ASEE NCS Board positions were announced at the ASEE Zone II Conference. Andrew Milks (Akron University) was elected for a one-year term as Vice-Chair. Gregory Bucks (University of Cincinnati) and Nicholas Baine (Grand Valley State University) were elected as directors for two-year terms.

Officer Appointments: Jeff Kastner (University of Cincinnati) was appointment Newsletter Editor, Andrew Kline (Western Michigan University) was appointed Secretary, and Kumar Yelamarthi (Central Michigan University) will be serving as Best Paper Award Chair. The complete list of our officers appears at the end of the newsletter.

<u>Spring Conference</u>: The spring 2017 Zone II conference was held in collaboration with the Southeastern Section and the Illinois-Indiana Section in San Juan, Puerto Rico from March 2-5. I want to thank our Past-Chair, Dan Budny (University of Pittsburgh), for his leadership in this endeavor. There were 42 faculty papers at the conference (12 from the NCS), over 60 student poster (4 from NCS) and large number of student papers.

ASEE National Elections: Andrew Kline won the post of Chair-elect for Zone 2. His official duties will start in June 2018. Andy has been in the NCS board for over 8 years. We wish you all the success in this new role.

<u>Finance</u>: At the ASEE Annual Meeting this past June in Columbus, OH, Andrew Kline, Dan Budny and I met with Jessalyn Vermillion, the Controller for ASEE. We were able to come to an agreement regarding the section funds. After the meeting, we received a reconciled statement on 8/8/2017 that reflected the FY15 and FY16 membership allocations and the revenue from the Spring 2016 Conference at Central Michigan University. The BASS financials through Q2 of FY17 shows a positive balance of \$9,669.42 for our section. Without Andy Milks detailed records, we would not have been able to reach this positive agreement.

<u>Future Section Conferences</u>: The Spring 2018 NCS conference will be held at Akron University from March 30-31; and the 2019 Spring conference will be hosted by Grand Valley State University in Grand Rapids, MI. The ASEE NCS regional conference has been averaging more than 120 attendees each year, with 60 to 70 <u>peer-reviewed</u> paper presentations from undergraduate and graduate students and faculty. This conference is a great opportunity for you to present your scholarship and teaching as well as a chance for your students to present their work in a professional setting. As always, we strive to keep registration and other costs affordable. Preparations are underway for the Spring 2018 conference. Please consider joining us this March at Akron University for a great regional conference!

I will encourage you to become involved with ASEE by nominating your colleagues for the Section Teaching Award, participating in our section's regional conferences, and submitting your work and your students' work to the section conference.



Conference Review:

- ✓ Spring 2017: ASEE Zone 2 conference in San Juan, Puerto Rico
 - See Page 4 and 5 for detailed coverage

Future Events:

- ✓ Spring 2018: ASEE North Central Sectional Conference
 - The University of Akron, Akron, Ohio
 - See Page 3 for more details
- ✓ Summer 2018: ASEE Annual Conference
 - Salt Lake City, Utah
 - See Page 6 for more Details

Upcoming Deadlines:

- ✓ Abstracts submission for the 2018 ASEE-NCS conference
 - December 15, 2017
 - See Page 3 for more details
- ✓ Nominations for the 2018 ASEE-NCS Outstanding Teaching Award
 - January 15, 2018
 - See below for more details

2018 NCS Outstanding Teaching Award

Nomination for the ASEE NCS Member due January 15, 2018.

The process for nominations for the ASEE North Central Section (NCS) Outstanding Teaching Award will open in November. Candidates for the award must be submitted using the on-line system at the ASEE Nationals Website. Members of ASEE who wish to nominate someone must Log In at: https://www.asee.org/ Select the ASEE Award Nominations topic, and scroll down and select the ASEE Section Outstanding Teaching Award for NCS. Select the member of ASEE NCS you wish to nominate, and upload the nomination materials. Review topics to be addressed as part of the "Accomplishments" for the nominee at: http://www.asee.org/member-resources/awards/guidelines/awards-nomination-guidelines

The Award: The award consists of a certificate, prepared by ASEE National Headquarters, and a \$750 honorarium, presented by the North Central Section. Presentations are made at the spring conference with notation in the ASEE Annual Awards Banquet Program. Note: Travel to the conference is not included in the award.

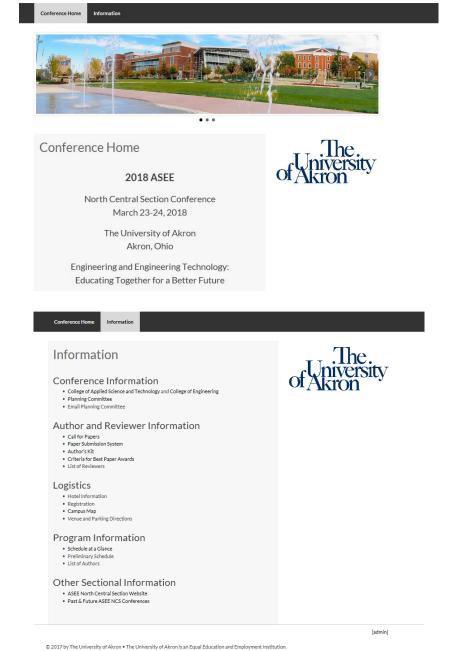
All nominations must be submitted on-line through the ASEE National website: https://www.asee.org/



2018 North Central Section Conference

March 23-24, 2018, The University of Akron, Akron, Ohio

The website for the Spring ASEE-NCS meeting is now active. Please go to http://www.asee-ncs.org/ to access the link to the website. The two main web pages are shown below. The second page provides links for all necessary information including abstract deadlines, registration, and accommodations.



3 | Page



Conference Review



2017 ASEE Zone 2 Spring Conference Engineering Everywhere for Everyone Caribe Hilton, San Juan, Puerto Rico; March 2 - 5, 2017

Conference Chairs

General Chair

Barbara Bernal

Kennesaw State University

ASEE Zone 2 National Board of Director

Gary Steffen

Indiana University-Purdue University Fort Wayne (IPFW)

Technical Program Co-Chairs

Da<u>n Budny</u>

North Central Secion Program Chair

University of Pittsburgh

Thomas Trusty

Illinois Indiana Section Chair

Trine University

Sally Pardue





Awards given out to ASEE-NCS Members during Conference **Individual Research Poster Best Overall North Central Section**

1st Place: West Virginia University



Junior/Senior Team Projects 1st Place - Gannon University



Campus Rep Award



2017 Best Faculty Paper Award

1st Place Bryan Boulanger and David Johnstone, Ohio Northern University

2nd Place Timothy Mohr, Grove City College

Carmen Cioc, Sorin Cioc and Richard Springman, The University of Toledo 3rd Place



Junior/Senior Team Projects 3rd Place: Gannon University



Outstanding Teaching Award





2018 ASEE Annual Conference & Exposition

Salt Lake City, UT June 24-27, 2018

Join us for the 125th Annual Conference & **Exposition!**

June 24 - 27, 2018, Salt Lake City, Utah

The only conference dedicated to all disciplines of engineering education...

We are 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 conference features more than 400 technical sessions, with peer-reviewed papers spanning all disciplines of engineering education.

For more information, Go to:

https://www.asee.org/conferences-and-events/conferences/annual-conference/2018/conference-overview



https://www.visitsaltlake.com/facts/



ASEE – NCS NEWSLETTER | December 2017

ASEE NORTH CENTRAL SECTION EXECUTIVE BOARD

Past Chair (2017-2019)	Chair (2017-2019)	<u>Vice Chair (2017-2018)</u>	<u>Secretary</u>
Dan Budny, Ph.D. Assoc. Prof. Director of Freshman Engineering Program Swanson School of Engineering University of Pittsburgh 126 Benedum Hall Pittsburgh, PA 15261 (412) 624-6474 (office) (412) 624-2827 (fax) budny@pitt.edu	Karinna M. Vernaza, Ph.D. Professor Associate Dean College of Engrg. & Business Gannon University 109 University Square Erie, PA 16541 (814) 871-7722 (office) vernaza001@gannon.edu	Andrew Milks, P.E. Assoc. Prof. College of Applied Science & Technology The University of Akron Schrank Hall South 221E Akron, OH 44325-6104 (330) 972-2449 (office) amilks@uakron.edu	Andrew Kline, Ph.D. Assoc. Dean College of Engineering & Applied Science Western Michigan University 4601 Campus Drive A217 Parkview Kalamazoo, MI 49008-5462 (269) 276-3516 (office) (269) 276-3501 (fax) andrew.kline@wmich.edu
Treasurer	Newsletter Editor	Zone II Chair (2016-2018)	ASEE Campus Representatives Coordinator
Gregory Harstine, P.E. Assoc. Prof. of Practice College of Applied Science & Technology The University of Akron Schrank Hall South 221E Akron, OH 44325-6104 (330) 972-6234 (office) gph@uakron.edu	Jeffrey Kastner, Ph.D. Assist. Prof. College of Engineering and Applied Science University of Cincinnati 881 Rhodes Hall Cincinnati, OH 45221 (513) 556-0027 (office) jeffrey.kastner@uc.edu	Gary Steffen, Ph.D. Assoc. Prof. & Chair Col. of Engrg., Tech., & Computer Science Indiana University-Purdue University Fort Wayne ET 221E 2101 E. Coliseum Blvd. Fort Wayne, Indiana 46805 (260) 481-6344 (office) steffen@ipfw.edu	Betsy M. Aller, Ph.D. Assoc. Prof. Engrg. Design, Mfg. & Management Systems Western Michigan University 4601 Campus Drive Kalamazoo, MI 49008-5336 (269) 276-3354 (office) (269) 276-3353 (fax) betsy.aller@wmich.edu
<u>Director (2017-2019)</u>	<u>Director (2016-2018)</u>	<u>Director (2017-2019)</u>	<u>Director (2016-2018)</u>
Gregory Bucks, Ph.D. Assist. Prof. College of Engineering & Applied Science University of Cincinnati 885 Rhodes Hall Cincinnati, OH 45221 (513) 556-0032 (office) gregory.bucks@uc.edu	Stefanos Papanikolaou, Ph.D. Assist. Prof. Mechanical & Aerospace Engineering; and Physics West Virginia University 395 Evansdale Drive PO Box 6070 Morgantown, WV 26506-6070 (304)293-0804 stefanos.papanikolaou@mail.wvu.edu	Nicholas Baine, Ph.D. Assist. Prof. School of Engineering Grand Valley State University 227 Kennedy Hall of Engineering (616) 331-6756 bainen@gvsu.edu	Jeffrey Kastner, Ph.D. Assist. Prof. College of Engineering and Applied Science University of Cincinnati 881 Rhodes Hall Cincinnati, OH 45221 (513) 556-0027 (office) jeffrey.kastner@uc.edu
Best Paper Awards Chair	2018 Program Co-Chair	2018 Program Co-Chair	NCS Webmaster
Kumar Yelamarthi, Ph.D. Professor Assistant Director for School of Engineering & Technology Central Michigan University Mount Pleasant, MI 48859 (989) 774-7164 (office) (989) 774-4900 (fax) kumar.yelamarthi@cmich.edu	Andrew Milks, P.E. Assoc. Prof. College of Applied Science & Technology The University of Akron Schrank Hall South 221E Akron, OH 44325-6104 (330) 972-2449 (office) amilks@uakron.edu	Mary C. Verstraete Assoc. Prof. & Interim Assoc. Dean, Undergraduate Studies The University of Akron AESC 275A Akron, OH 44325-6104 (330) 972-3939 (office) mverstraete@uakron.edu	Kumar Yelamarthi, Ph.D. Professor Assistant Director for School of Engineering & Technology Central Michigan University Mount Pleasant, MI 48859 (989) 774-7164 (office) (989) 774-4900 (fax) kumar.yelamarthi@cmich.edu