



In This Issue

CHAIR'S CORNER 1

2017 ASEE NATIONAL CONFERENCE: 2

ASEE NATIONAL AWARDS 2

FROM THE EDITOR 2

CONFERENCE RECAPS: 3

GEORGE WASHINGTON UNIVERSITY: SPRING 2016 SECTION CONFERENCE:..... 3

HOFSTRA UNIVERSITY: FALL 2016 SECTION CONFERENCE: 3

DISTINGUISHED TEACHING AWARD 4

BEST PAPER AWARD..... 4

AN INVITATION! 4

WOULD YOU LIKE TO HOST A SECTION CONFERENCE? 5

UPCOMING MIDDLE ATLANTIC SECTION MEETING HOSTS 5

KNOW YOUR OFFICERS 6

CHAIR'S CORNER

Dear Mid-Atlantic Section Members,

On behalf of the executive committee of the Mid-Atlantic Section I would like to welcome you to our next section meeting hosted by Morgan State University, scheduled for April 7-8.

The committee chairs, Farzad Moazzami, Oludare Owolabi and I have worked diligently to develop a variety of interesting workshops and papers presented by faculty, students and industry. I hope you are able to participate.

If you would like to become more involved with our Section the executive committee invites you to join us at our Executive Committee meeting on Friday, April 7 at 5:00pm. We are open to new ideas to promote excellence in

engineering science and technology education in the Middle Atlantic Section.

Please contact me if you have questions about ASEE or the Middle Atlantic Section.

Best regards,



Yacob Astatke
Section Chair, 2016-2017
yacob.astatke@morgan.edu

2017 ASEE NATIONAL CONFERENCE: COLUMBUS, OH

The 124th Annual Conference & Exposition of ASEE Conference will be held in Columbus, OH, June 25-28. The Conference Theme is "**Where Engineering Education Takes Flight - From P-12 Through Life.**" The ASEE Annual Conference and Exposition is the only conference dedicated to all disciplines of engineering education. ASEE 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, industry and government representatives. For more information visit [here](#). Remember to register for housing.

ASEE NATIONAL AWARDS

There are a number of National Awards sponsored by ASEE: Distinguished Teaching, Best Paper, Best Campus Rep, to name a few. Please consider nominating a worthy colleague from our Section. Most awards begin at the Section-level; winners are forwarded to National for consideration at that level. Information about awards is available at the ASEE website [here](#). Many Middle Atlantic members have won national awards and served in leadership positions.

Our tradition of nominating worthy candidates for these positions is historic.

Let's keep the streak going! Nominate a colleague.

FROM THE EDITOR

As the 2016-2017 academic year draws to a close I'd like to acknowledge the Officers, Executive and Advisory Committee members, K-12 teachers, individuals and industrial partners that sponsor our Section conferences. Their leadership and perseverance have guided the organization during another successful year.

If you are contemplating writing a paper, Section conference proceedings from 2007-present are available on the ASEE website; visit the site to view your colleagues' work. The proceedings website is [here](#).

Also, the Mid-Atlantic Section is one of a few that offer two conferences per year, Fall and Spring. We have always had good participation at section conferences, but to continue improving we need your input. If you have a suggestion regarding ways in which we can improve service to our members, send an email to any officer.

Please feel free to share exciting engineering education activities at your institution; send me a brief note with the specifics. Finally, visit our Section website [here](#).

Lawrence Chatman
Newsletter Editor and Webmaster
Lchatman@camdencc.edu

CONFERENCE RECAPS:

SPRING 2016 MID-ATLANTIC SECTION CONFERENCE: GEORGE WASHINGTON UNIVERSITY

Conference Chair: David Dolling, dolling@gwu.edu

Conference Theme: Shifting Paradigms in Engineering and Engineering Technology Education

There have been many calls for a paradigm shift in educating engineers to meet the challenges of a new century. This shift requires changing the societal understanding of engineering to attract a more diverse talent pool, revitalizing education from K-12 through College, and infusing innovation and entrepreneurship into the curriculum. The ASEE Middle Atlantic Spring Regional Conference addressed these issues by hosting workshops with experts who offered unique insights. The conference explored these ideas by having workshops on, "Prospect on K-12 Engineering Education and Public Understanding of Engineering" and "Trends in Engineering and Engineering Technology Education and Employment led by B. Cady and G. Pearson, of the National Academy of Engineering. The April 8th keynote speaker J. Chung, Associate Vice President for Innovation and Entrepreneurship at George Washington University addressed, "Innovation and Entrepreneurship Education in Engineering Curricula." Our keynote speaker on April 9th, Dr. M. Rotea, shared his experience as a NSF Division Director, Engineering Education and Centers.

FALL 2016 MID-ATLANTIC SECTION CONFERENCE: HOFSTRA UNIVERSITY

Conference Chair: Richard Puerzer, Richard.J.Puerzer@hofstra.edu

Conference Theme: "Broadening the Perspectives of Engineering Education"

The Fall Section Conference was hosted by Hofstra University in exhilarating Long Island, NY. The Friday workshops covered a variety of topics, funding of engineering education projects through the National Science Foundation, the multifaceted issues involved in Mechatronics instruction and entertaining methods of presenting the first year engineering experience. The keynote speaker Joseph Sussman, Chief Accreditation Officer, Chief Information Officer, ABET discussed ABET and the Evolution of Engineering Education. In this role since 2011, Dr. Sussman leads ABET's global accreditation operations, collaborating with the organization's volunteer leadership in both tactical execution and strategic development of ABET's accreditation practice.

2016 MID-ATLANTIC SECTION DISTINGUISHED TEACHING AWARD




Congratulations to Ahmet Zeytinci, University of the District of Columbia as the recipient of the 2016 Mid-Atlantic Distinguished Teaching Award. “Dr.Z” is Professor and Chair of The Department of Engineering Architecture and Aerospace Technology. In addition to promoting the principles of quality engineering education on campus he also performs Numerical Methods in

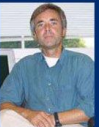
Structural Analysis, Vibrations, Plates and Shells. He is a role model of professional excellence and a provider of outstanding service to ASEE and engineering education. His name will be placed in nomination for the national award.

2016-2017 MID-ATLANTIC SECTION BEST PAPER AWARD


**Best Zone 1 Paper of 2016
ASEE Mid-Atlantic**



Eileen Haase, PhD
Sr. Lecturer



Harry Goldberg, PhD
Assistant Professor



Congratulations to Eileen Haase and Harry Goldberg, Johns Hopkins University, Department of Biomedical Engineering for their paper entitled **“Molecules and Cells: a model for addressing the needs of students with varied backgrounds and diverse learning styles.”** The hypothesis was a diverse learning environment with a variety of learning modalities would make a significant contribution to the students’ understanding and retention of the material. The paper will be placed in nomination for the zone award. Read the paper [here](#).

AN INVITATION!

ASEE is a member-driven organization. Perhaps you are considering becoming more active, but you are not sure where to begin. Attend the Executive Committee meeting at the Section conference, Morgan State University, Friday evening, April 7 at 5pm. Note the location on conference website schedule. We welcome new members and look forward to seeing returning ones. The Section conference is a place to learn about the activities of the Mid-Atlantic Section, Zone 1 and the initiatives of ASEE at the national level. Advances in technology provide challenges and opportunities for engineers. Become involved in the organization responsible for educating the engineers of today and the future. *Students, educators, administrators, industry representatives and K-12 teachers are welcome!*

WOULD YOU LIKE TO HOST A SECTION CONFERENCE?

The ASEE Middle Atlantic Section is currently seeking a host for the Spring Conference in 2018 and beyond. The Executive Committee will work with you in this endeavor to create an exciting conference experience. This is a great way to participate in Section activities! Guidelines exist to help you run a conference. If you are interested in hosting please contact me for additional information.

Suzanne Keilson
Program Chair
skeilson@loyola.edu

Would you like to promote the engineering education activities of your campus? This space is reserved for you! Send an email to the Editor with relevant information.

UPCOMING MIDDLE ATLANTIC SECTION MEETING HOSTS

Date	Institution	Contact
Spring 2017	Morgan State University Baltimore, MD	Yacob Astatke Yacob.astatke@morgan.edu
Fall 2017	Pennsylvania State University, Berks Campus Reading, PA	Sadan Kulturel-Konak sadan@psu.edu

KNOW YOUR OFFICERS

Chair

Yacob Astatke
Dept. of Electrical Engineering
Morgan State University
1700 East Cold Spring Lane •
Baltimore, Maryland 21251
Phone: 443-885-4208
yacob.astatke@morgan.edu

Chair-Elect

Dr. Sadan Kulturel-Konak
Department of Information Sciences and
Technology
Pennsylvania State University
P.O. Box 7009
Reading, PA 19610
Phone: 610-396-6137
sadan@psu.edu

Vice Chair Elect

(Open)

Past Chair

Maurice Aburdene
Dept. of Electrical & Computer
Engineering
Bucknell University
1 Dent Drive
Lewisburg, PA 17837
Phone: 570-577-1234
maurice.aburdene@bucknell.edu

Awards Chair

Pritpal Singh
Dept. of Electrical Engineering
Villanova University
800 E. Lancaster Avenue
Villanova, PA 19085
Phone: 610-519-7378
pritpal.singh@villanova.edu

Program Chair

Suzanne Keilson
Dept. of Engineering
Loyola College Maryland
4501 N. Charles Street
Baltimore, MD 21210
Phone: 410-617-2722
SKeilson@loyola.edu

Secretary/Treasurer

Ashwin Satyanarayana
Dept. of Computer Systems Technology
New York City College of Technology
300 Jay Street
Brooklyn, NY 11201
Phone: 718-260-5710
asatyanarayana@citytech.cuny.edu

Section Campus Representative

Amit Bandyopadhyay
Architecture/Construction Management
State University of New York,
Farmingdale
2350 Broadhollow Road
Farmingdale, NY 11735
Phone: 631-420-2378
bandyoa@farmingdale.edu

Newsletter Editor/Web Master

Lawrence Chatman
Engineering Science & Technology
Camden County College
200 College Drive
Blackwood, NJ 08012
Phone: 856-227-7200 x 4523
Lchatman@camdencc.edu

Nominating Chair

Orla LoPiccolo
Architecture and Construction
Management
State University of New York,
Farmingdale
2350 Broadhollow Road
Farmingdale, NY 11735
Phone: 631-794-6123
orla.lopiccolo@farmingdale.edu

Historian

Victor Schutz
Emeritus, Temple University
1317 Grenox Road
Wynnewood, PA 19096,
Phone: 610-649-9331
v.schutz@ieee.org

Andrew Grossfield
Dept. of Arts and Sciences
Vaughn College of Aeronautics and
Technology
86-01 23rd Avenue
Flushing, NY 11369
718-429-6600 x 262
andrew.grossfield@vaughn.edu

ADVISORY COMMITTEE

Kemi Ladeji-Osias
Dept. of Electrical Engineering
Morgan State University
1700 East Cold Spring Lane
Baltimore MD 21251
Phone: 443-885-1456
jumoke.ladeji-osias@morgan.edu

Paul Butler
Engineering Studies
Ocean County College
College Drive
Toms River, NJ 08754
Phone: 732-255-0400 ext. 2181
Pbutler_occ@hotmail.com

Stephanie Farrell
Dept. of Chemical Engineering
Rowan University
201 Mullica Hall Road
Glassboro, NJ
(856) 256-5315
Farrell@rowan.edu

Nelson Macken
Department of Engineering
Swarthmore College
Swarthmore, PA 19081
Phone: 610-328-8073
Nmacken1@swarthmore.edu

Hong Li
Department of Computer Systems
Technology
New York City College of Technology
300 Jay Street
Brooklyn, NY 11201
718-260-5170
hli@citytech.cuny.edu