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CHAIRMAN’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 Villanova University, scheduled for April 10-11. The Conference theme is

“Developing Creative and Entrepreneurial Engineers.” There are a variety of interesting workshops and papers presented by faculty, students and industry. I hope you are able to participate in the conference or one of our upcoming activities.

As always, the executive committee looks forward to your participation and input on ways 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,

Pritpal (Pali) Singh
Chair

pritol.singh@villanova.edu

SPRING 2015 MID-ATLANTIC SECTION CONFERENCE VILLANOVA UNIVERSITY

Please make plans to attend the 2015 Mid-Atlantic Section Spring Conference planned for April 10-11 at Villanova University. Pritpal Singh, the program chair has developed a stimulating program well worth your participation. The Conference Theme is: “*Developing Creative and Entrepreneurial Engineers.*” The Keynote speaker is Khanjan Mehta, School of Engineering Design, Technology & Professional Programs, College of Engineering - The Pennsylvania State University. As Director of Humanitarian Engineering and Social Entrepreneurship, Prof. Mehta will present concepts and challenges related to his fields of interest.

On Saturday morning, Dr. Doug Melton will provide the opening Keynote address to the conference. As the Kern Entrepreneurial Engineering Network (KEEN) program director for The Kern Family Foundation, he has an opportunity to work with universities that share a vision of encouraging engineering education that fosters an entrepreneurial mindset.

For more information about the conference visit the link [here](#).

2015 ASEE NATIONAL CONFERENCE: SEATTLE, WA

The 122nd Annual Conference & Exposition of ASEE Conference will be held in Seattle, WA, June 14-17. 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. 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](#).

The Mid-Atlantic Section continues the tradition of nominating worthy candidates for these positions. Let's keep the streak going! Nominate a colleague.

FROM THE EDITOR

As the 2014-2015 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 conferences. Their hard work and leadership have guided the organization during another successful year.

Section conference proceedings from 2007-present are available on the ASEE website. If you are considering writing a paper for submission, visit the site to view your colleagues' work. The 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
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CONFERENCE RECAPS:

Fall 2014 MID-ATLANTIC SECTION CONFERENCE: Swarthmore College

Conference Chair: Lynne Molter, lmolter1@swarthmore.edu

Conference Theme: *"Engineering a Diverse Workforce for the 2020s: Vision through Implementation"*

The main focus of the conference was to foster the exchange of ideas, enhance teaching methods and curriculum, and provide networking opportunities for engineering, engineering technology educators, students, industry partners, and government representatives interested in engineering education. The keynote presentation was given by Dr. Beena Sukumaran, Program Chair, ASEE, Women in Engineering Division and Chair, Civil and Environmental Engineering, Rowan University. Her talk centered around the topic, "How Do We Tackle the Grand Challenge of Enhancing Diversity in the Engineering Profession? Workshops on Diversity in Engineering and a Calculus Workshop for K-12 teachers were offered. Approximately 70 participants enjoyed papers presented by their peers, students and industry representatives.

***MID-ATLANTIC SECTION AND ZONE I CONFERENCE:
Spring 2014, UNIVERSITY OF BRIDGEPORT***

ASEE divides its membership into 4 geographic zones. These Zones provide a formal organizational structure to promote, encourage and facilitate the various activities of ASEE at the local level. Zones also provide a means of direct member representation to the Board of Directors. Every 4-5 years the Zones have a joint conference with the Sections in the regions. The spring 2014 Zone 1 Conference included members from the Middle-Atlantic, North East and St. Lawrence Sections. Visit [here](#) for more information about ASEE structure.

The program chair, Tarek Sobh developed an exciting program showcasing research by more than 100 industry experts, faculty, and students as well as panels on biomedical nanotechnology to automated technologies, workshops, and tutorials. Dr. Atam Dhawan, from New Jersey Institute of Technology delivered the Keynote Speech, "Biotechnology & Bioengineering."

If attending a national conference is not feasible, consider attending the Section conference (Villanova, Spring, 2015); it is a great place to exchange ideas with academic and corporate colleagues. A vibrant section needs participation by its members, students, engineering educators, K-12 teachers and industrial partners.

**2014 MID-ATLANTIC SECTION
DISTINGUISHED TEACHING AWARD**

Congratulations to the recipient of the 2014 Mid-Atlantic Distinguished Teaching Award, Laurent Simon. Dr. Simon is Associate Professor, Chemical Biological and Pharmaceutical Engineering Sciences, New Jersey Institute of Technology.

He is a role model of professional excellence and a provider of outstanding service to ASEE and engineering education.



BEST PAPER AWARD

Congratulations to the recipients of the Section Best Paper Award: Steven Chetcuti, Hans Thomas and Brent Pafford, United States Military Academy. Their paper entitled “*Flipping the Engineering Classroom*” described efforts to better engage engineering students by modifying pedagogy.



AN INVITATION!

ASEE is a member-driven organization. Perhaps you are considering becoming more active, but you are not sure where to begin. Attend an Executive Committee meeting at the Section conference, Villanova University, Friday evening, April 10. Note the time and location on conference website schedule [here](#). 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. It is an exciting time to be an engineer; 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 MEETING?

The ASEE Middle Atlantic Section is currently seeking a host for the Fall Meeting in 2016 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
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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 MID-ATLANTIC SECTION MEETING HOSTS

Date	Institution	Contact
Spring 2015	Villanova University Villanova, PA	Pritpal Singh prtipal.singh@villanova.edu
Fall 2015	Bucknell University Lewisburg, PA	Maurice Aburdene maurice.aburdene@bucknell.edu
Spring 2016	George Washington University Washington, DC	David Dolling dolling@gwu.edu

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