

MNT^eSIG Program Agenda

July 24, 2018 - Miami, Florida - InterContinental Miami

Please check in at the HI-TEC Registration Desk

Breakfast Room: **Chopin Ballroom**

Meeting Room: **Alhambra/Escorial**

7:00-8:00 - Check-in if you have not done so, at the HI-TEC registration desk.

You need your badge to enter MNT^eSIG.

7:00-8:00 - Poster setup, Alhambra/Escorial

See Bob Ehrmann for assistance

7:30-8:00 - Continental Breakfast - Chopin Ballroom.

Bring Coffee with you to the MNT^eSIG meeting room.

8:00-8:30 - Video Showcase - Alhambra/Escorial

Networking and Short videos from MNT Centers and invited participants will be presented and Posters will be available for viewing.

8:30-9:30 - Welcome & Keynote - Amy Brunner, Program Manager, Lockheed Martin

Title: Being the Change: The Power of Community

About the Presenter: Amy's 18-year career has spanned both academia and industry in engineering and engineering management roles. After leaving education she continues to have a passion for encouraging students of all ages and backgrounds to pursue careers in micro and nanotechnology. Outside of work, she volunteers for the United Way, Girls Inc, and 4H programs and is constantly looking for opportunities to merge community programs with education institutions and industry partners. Amy is honored to be a part of this year's MNT Special Interest group to support programs such as these that fostered her own development and opened the many doors to a fulfilling and diverse career.

9:30-10:15 - Lightning Round #1: Moderator – Barbara Lopez

Presentations are strictly limited to 7 minutes each

1	Rick Vaughn	Rio Salado College	Nano Knows No Limits
2	Richard Hill	Erie Community College	Recruiting High School Students to Community College STEM Programs
3	Marco Curreli	Omni Nano	Digital Curricula for Online and Hybrid Nanotechnology Courses
4	Yawen Li	Lawrence Technological University	Promoting micro and nano education through active collaborative learning in biomedical engineering
5	Jared Ashcroft	Pasadena City College	Contextualizing Technology in the Classroom Via Remote Access

10:15-10:30 - Break - Grand Ballroom Foyer - Posters available for viewing

10:30-11:15 – Lightning Round #2: Moderator Kate Alcott, NEATEC, Suny Polytechnic

Presentations are strictly limited to 7 minutes each

6	Gary Mullett	Springfield Technical CC	Emerging micro-photonics sensors and the Nanotechnology Technician
7	Tanya Faltens	Purdue University	Do the CNT Dance and simulate their structures on nanoHUB
8	Ahmed Khan & Salahuddin Qazi	Devry University SUNY Poly	Learning through Visualization and Simulation at the Nanoscale
9	Jamal Uddin	Coppin State University	Energy Efficient Dye Sensitized Solar Cell and its Business Perspective in the Society

11:15-12:00 – Community Discussion: Moderator Mike Opp, NanoLink, Dakota County CC

MNT^eSIG – Building the Collaboratory

How do we want to grow, sustain and improve the MNT educational special interest group?

Moving forward - periodic online meetings/seminars which could include:

- Short presentations from researchers, industry and members on new technologies, hiring trends, new resources available...
- Collaborative opportunities – writing project proposals together
- Breakout sessions, special interest sub-teams
- Collaboration with MNT organizations and Industry
- Certifications/Badges

12:00 MNT^eSIG adjourns - Lunch is on your own

12:30 Posters must be removed in preparation for the next workshop session beginning at 1 PM

Accepted Posters

Steve Sadow	University of South Florida	Silicon Carbide Biotechnology
Huajun Fan	Prairie View A & M University	An innovative way of teaching light and energy
Ahmed Kamal	Tennessee Tech University	BioMEMS Device for assessment of Autonomic Nervous System
Josee Horton	Pasadena City College	Using Remotely Accessible Microscopy in the Middle School Classroom
Sara Jeros	Pasadena City College	Using Active Learning in Tandem with Remote Instruments in a General Chemistry Classroom
Saiful Khondaker	University of Central Florida	Creation of a Florida Nanotechnology Technician Education Program (FNTEP)
Ahmed Khan Salahuddin Qazi	Devry University SUNY Poly	Learning through Visualization and Simulation at the Nanoscale
Nancy Louwagie	Normandale CC	Expanding Pathways into Vacuum Technology with Hands-on Technical Education
Andy Bell	Ivy Tech	Using LabView to Teach MEMS Fabrication Process

MNT^eSIG – Micro Nano Tech education Special Interest Group – 2018

See www.mnt-conference.net for proceedings, presentations, posters, MNT^eSIG asset book