How to Make the Most of Your Time at the 2019 BMES Annual Meeting
Moderator

Jenn Novesky, MPS
Director of Membership Development and Corporate Partnerships, BMES

jenn@bmes.org
Announcements

• The archived recording will be available shortly after the webinar on the BMES website.

• You may submit questions throughout the webinar by using the online chat function. Your questions will be addressed after the featured speaker presentations.

• Please take a few minutes to complete the brief survey following the webinar to provide us with your feedback.
Speaker

Alisa Morss Clyne, PhD
Associate Professor
Fischell Department of Bioengineering
University of Maryland

BMES 2019 Annual Meeting Co-Chair
PROGRAM & AGENDA

Click here for Schedule at a Glance

as of 9/9/19 - subject to change

Want to search for specific sessions, view submitted abstracts, determine your own schedule? Search by session type, day, track, author, university, and other information.

Click here for a searchable scientific program!

Additional special sessions and programs will be added in the next week.

NOTE: If you only want to browse you do not need to login. Simply click Browse. Most people just want to browse.
If you want to save a specific schedule or sessions that you will need to create a login. You will need to create a new username and password here for security purposes.
### THURSDAY, October 17, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00am – 5:00pm</td>
<td>Registration</td>
<td>PCC, Exhibit Hall D-E</td>
</tr>
<tr>
<td>7:00am – 8:00am</td>
<td>BMES Diversity Committee Meeting</td>
<td>PCC, Room 111A</td>
</tr>
<tr>
<td>7:00am – 8:00am</td>
<td>Council of Industry Chapter Presidents – <em>invitation only</em></td>
<td>PCC, Room 109A</td>
</tr>
<tr>
<td>8:00am – 9:30am</td>
<td>BMES National Meetings Committee Meeting</td>
<td>PCC, Room 126B</td>
</tr>
<tr>
<td>8:00am – 9:30am</td>
<td><strong>PLATFORM SESSIONS</strong> - Thurs-1</td>
<td>20 concurrent sessions</td>
</tr>
<tr>
<td>8:30am – 9:30am</td>
<td>BMES Student Affairs Committee Meeting</td>
<td>PCC, Room 112A</td>
</tr>
<tr>
<td>8:00am – 9:30am</td>
<td>Bioengineering &amp; Biotechnology Challenges Targeted by the NIH</td>
<td>PCC, Room 108B</td>
</tr>
<tr>
<td>8:00am – 9:30am</td>
<td>Global Health Approaches and Technologies</td>
<td>PCC, Room 108A</td>
</tr>
<tr>
<td>9:00am – 10:00am</td>
<td>Making the Most of Your Academic Experience</td>
<td>PCC, Nutter Theater</td>
</tr>
<tr>
<td>9:30am – 6:30pm</td>
<td>High School Expo and Poster Competition</td>
<td>PCC, Exhibit Hall D-E</td>
</tr>
<tr>
<td>9:30am – 5:00pm</td>
<td>Exhibit Hall Open</td>
<td>PCC, Exhibit Hall D-E</td>
</tr>
<tr>
<td>9:30am – 5:00pm</td>
<td><strong>POSTER SESSION</strong></td>
<td>PCC, Exhibit Hall D-E</td>
</tr>
<tr>
<td>9:30am – 10:15am</td>
<td>POSTER VIEWING WITH AUTHORS &amp; Refreshment Break</td>
<td>PCC, Exhibit Hall D-E</td>
</tr>
<tr>
<td>9:30am – 10:30am</td>
<td>BMES Ethics Subcommittee Meeting</td>
<td>PCC, Room 112A</td>
</tr>
<tr>
<td>10:15am – 11:30am</td>
<td><strong>PLENARY SESSION</strong> - State of the Society by BMES President</td>
<td>PCC, Terrace Ballroom 1-3</td>
</tr>
<tr>
<td></td>
<td>&amp; Pritzker Distinguished Lecture - Christopher Chen, MD, PhD, College of Engineering, Boston University</td>
<td></td>
</tr>
<tr>
<td>11:30am – 2:00pm</td>
<td><em>Cellular and Molecular Bioengineering</em> Editorial Board Luncheon</td>
<td>Marriott, Room 302-304</td>
</tr>
<tr>
<td>11:45am – 1:15pm</td>
<td><strong>CELEBRATION OF MINORITIES IN BME LUNCHEON</strong> Marta Villarraga, PhD, RAC. Principal, Biomedical Engineering Practice, Exponent (<em>ticket purchase required</em>)</td>
<td>PCC, Terrace Ballroom 4</td>
</tr>
</tbody>
</table>
First, attend the plenary lectures

<table>
<thead>
<tr>
<th>Time</th>
<th>Lecture</th>
</tr>
</thead>
</table>
| 10:15am – 11:30am | **PLENARY SESSION:**  
|               | State of the Society by BMES President - Dawn Elliott, PhD &  
|               | Pritzker Distinguished Lecture - Christopher Chen, MD, PhD, College of  
|               | Engineering, Boston University                                          |

**Thursday Morning**
- Pritzker Award Lecture: Christopher Chen, MD, PhD, Boston University

**Thursday Evening**
- Diversity Plenary Lecture: Steven Abramowitch, PhD, University of Pittsburgh

**Friday Morning**
- NIBIB Lecture: Rebecca Richards-Kortum, PhD, Rice University

**Friday Evening**
- Coulter Award for Healthcare Innovation: Bruce Levine, University of Pennsylvania

**Saturday Morning**
- Rita Shaffer Young Investigator Lecture: James Dahlman, PhD, Georgia Institute of Technology
- Mid-Career Lecture: Celeste Nelson, PhD, Princeton University
Second, network at the social events

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 11:45am – 1:15pm | CELEBRATION OF MINORITIES IN BME LUNCHEON  
Marta Villarraga, PhD, RAC. Principal, Biomedical Engineering Practice,  
Exponent (ticket purchase required)  
PCC, Terrace Ballroom 4       |

Wednesday
- 5:30 PM: Welcome Reception
- 8:00 PM: LGBT & Friends Dessert Social

Thursday
- 11:45 AM: Celebration of minorities in BME luncheon
- 8:00 PM: University hosted receptions

Friday
- 11:45 AM: Women in BME Luncheon
- 6:30 PM: University hosted receptions
- 8:30 PM: BMES Dessert Bash at the Franklin Institute
Third, check out the special sessions

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00am – 9:30am</td>
<td>Bioengineering &amp; Biotechnology Challenges Targeted by the NIH</td>
<td>PCC, Room 108B</td>
</tr>
<tr>
<td>8:00am – 9:30am</td>
<td>Global Health Approaches and Technologies</td>
<td>PCC, Room 108A</td>
</tr>
</tbody>
</table>

**Highlights**

- Global health and health care disparities
- Women’s health
- Forensic biomechanics
- BlazeDesign workshop
Finally, find interesting talks and posters

Click here for Schedule at a Glance

as of 9/9/19 - subject to change

Want to search for specific sessions, view submitted abstracts, determine your own schedule? Search by session type, day, track, author, university, and other information.

Click here for a searchable scientific program!

Additional special sessions and programs will be added in the next week.

NOTE: If you only want to browse you do not need to login. Simply click Browse. Most people just want to browse.
Finally, find interesting talks and posters

- Bioinformatics, Computation, Systems Biology
- Biomaterials
- Biomechanics
- Biomedical Engineering Education
- Biomedical Imaging and Instrumentation
- Cancer Technologies
- Cellular and Molecular Bioengineering
- Device Technologies and Biomedical Robotics
- Drug Delivery
- Nano and Micro Technologies
- Neural Engineering
- Orthopaedic and Rehabilitation Engineering
- Respiratory Bioengineering
- Stem Cell Engineering
- Tissue Engineering
- Translational Biomedical Engineering
- Undergraduate Research & Design
Finally, find interesting talks and posters

You’ve read their papers; now’s the opportunity to hear them speak about their latest and greatest research!
Finally, find interesting talks and posters

Explore research areas at universities where you might want to study or organizations where you might want to work
Finally, find interesting talks and posters
Penney M. Gilbert, PhD
Associate Professor,
Institute of Biomaterials and Biomedical Engineering
University of Toronto
Customize Your BMES Experience

Pre-Conference Prep: What are you hoping to achieve by attending BMES 2019?

• Platform Sessions
• Plenary Sessions
• Poster Sessions
• Special Events
• Exhibit Hall

Pro Tip: Review the schedule the night before to organize the next day.
BMES Sessions Not to Miss!

- Plenary Sessions (Oct 17 & 18)
- “Making the most of your academic experience” (Oct 17)
- “BMES careers in Academia” (Oct 17)
- “The path to graduate school” (Oct 18)
- BMES Q & A Panel with Student Chapter Leaders
- BMES-Sig Sessions (Oct 19)
Pro Tip: If two sessions you are interested in are running concurrently, attend the 1\textsuperscript{st} half of one and the 2\textsuperscript{nd} half of the other. Choosing a seat in the back allows you to exit discreetly.

Personal Development: Challenge yourself to approach the mic and ask a question about the seminar.
Poster Presentation Tips

1. Pictures and a catchy title will draw an audience
2. Keep it brief (be prepared to tell a 3 min ‘story’)
   • Focus on one key finding you are excited about
   • Provide enough background to set up your key finding
   • Build in time to practice
Poster Presentation Tips

Be approachable!

If you’re excited, they’ll be excited!
Oral Presentation Tips

• Throw in the **theme** (disease, etc.)
• Provide the **plot** (scientific gap)
• Call on the **characters** (who are the people involved)
• Confront a **conflict**, controversy, and/or surprise
• Reveal the **resolution**

Oral Presentation Tips

- No more than one story per 20 minutes.
- Avoid jargon and acronyms. Use simple words.
- Explain your methods & data.
- Create meaningful slide titles.
- Take advantage of transition slides.
- Provide your audience with visual cues in slides.
- Practice, practice, practice.
- If you’re excited, they’ll be excited.
- Never go over your allotted seminar time.
Navigating the Exhibit Hall

- Posters
- Vendors
- Grad Programs
- Special Exhibits
BMES offers a number of opportunities to socialize with old friends and to make new connections.

- Welcome Reception (Oct 16th 5-7pm)
- University Receptions (Oct 17th)
- Create your own Social Events!
Networking 101

Networking Mindset: Every interaction is an opportunity to expand your network!

• When do I network?
• How do I network?
• What can I do to reinforce my network?
Speaker

Stephanie M. Mansfield, PhD
Principal
Biomedical and Mechanical Patent Prosecution
Brooks Kushman P.C.
Southfield, Michigan
Industry Program

- **Clinical Innovators Spotlight**
  - Thursday, 1:15 – 3:15 pm; Room 113B
  - A detailed view from leading clinical innovators on how real-world problems in such areas as cardiology, oncology, organ transplantation, and orthopedics can be addressed with biomedical engineering solutions.
  - Presentation by AMA detailing their Physician Innovation Network (PIN)
    - Active database of physicians and innovators who want to connect with each other to investigate problems and help move solutions forward with clinical input
    - Creating clinical needs repository for physicians to share clinical problems with industry
Industry Program

- How Biomedical Engineering Faculty and Advisors Can Better Prepare Students for Life in Industry
  - Friday, 1:15-3:15 pm (session length likely 60-90 min); Room 113B
  - Explore ways in which academic faculty, mentors and advisors can better prepare their students for careers in industry. Topics to be addressed include:
    - Incentives and roadblocks to targeted coursework that aims to prepare students for industry roles;
    - Specific mentoring that academic faculty can provide to industry-minded students
    - Skill sets that entry-level biomedical engineers need for an initial industry position
Other Industry-Related Sessions

• BMES Careers in Industry and Government I and II
  – Thursday and Friday, 1:30-2:30 pm; Nutter Theater
  – Explore the various industry options for BME professionals. Representatives from industry share their career paths, educational training, insight into the hiring market, and suggestions for current students and recent graduates.

• BME Entrepreneurship
  – Friday, 2:45-3:45 pm; Nutter Theater
  – Entrepreneurs discuss translating ideas from the university to commercial use. Panelists will discuss tips and insight into how to take an idea from concept to commercial product. Discussion will include university resources, finding funding, IP, licensing and start-up options.
Industry Networking and Involvement

- Speakers/Panelists
- List of Exhibitors
  - Research
  - Connect
    - Before
    - During
    - After
  - Business cards
  - Resume
Industry Networking and Involvement

- BMES Industry and Clinical Affairs Committee
  - Foster relationships between BMES and industry that span a range of educational, research, engagement and outreach activities of common interest
  - Create session content for Annual Meeting
  - Call for volunteers opens November 1, 2019
QUESTIONS?
BMES Activities and Events

- BMES Annual Meeting
  **October 16-19, 2019** – Philadelphia, PA

- Sign up for a BMES SPECIAL INTEREST GROUP at bmes.org

- Call for BMES Committee Volunteers will open November 1.

- Cellular and Molecular Bioengineering (CMBE) Conference:
  **January 2-6, 2020**
  Wyndham Grand Rio Mar Puerto Rico Golf & Beach Resort