Register NOW!
for the
World Congress of Biomechanics (WCB) 2018
July 8 – 12, 2018

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In this Issue:

Message from Current Chair 2
BED Committee Meeting Schedule 4
WCB 2018 Conference Preview 5
BEDrock Announcement 7
Technical Committee Reports 8
Administrative Committee Reports 13
2017-2018 BED Roster 22

WCB 2018
Dublin, July 2018
As I write this, it is a few weeks before the start of the World Congress of Biomechanics in Dublin, where the ASME Bioengineering Division will play a major role. Specifically, we will sponsor our renowned Student Paper Competition, present Divisional medals (accompanied by medal lectures) and have a full slate of committee meetings. I thank Rich Debski, who has worked hard to interface with the World Congress organizers to put on the ASME BED program, and Rouzbeh Amini and his team, who have done yeoman's work to ensure that the student paper competition runs smoothly. I expect to see many of you in Dublin!

The Division leadership ran a retreat in Atlanta in January 2018 to consider the long-term future of the Division. It was attended by active volunteers and a number of ASME staff, including Jeff Patterson, ASME COO. I am grateful to everyone who attended. There were a number of important actions arising from that meeting, including a commitment to change our bylaws and the composition of the Division Executive Committee (EC). Specifically, we will be actively adding to our industry representation on the EC, and converting some EC positions to have broader mandates – think switching from man-to-man to zone coverage. This is in concert with the goal of ensuring that the Division best serves our members; towards this end, we plan to strengthen our interactions with multiple meetings (not just the Summer SB3C meeting), increase our focus on student mentorship, better involve industry in our activities, generate content for new ASME initiatives, and include diversity as a fundamental operating principle of our Division.

As I mentioned in my last column, the Division is co-sponsoring a governmental Fellow who will help bring technical expertise in bioengineering and other areas to the federal government. I am pleased to report to members that Dr. Laurel Kuxhaus has been selected as our governmental Fellow, and will start this position shortly. During her tenure, Laurel will live and work in Washington, providing much-needed technical guidance on a range of issues.

Speaking of the federal government, I had the opportunity earlier this year to attend the ASME Governmental Relations meeting in DC. In addition to learning about federal funding priorities in technology-related areas, I had the opportunity to visit Congressional offices and describe the important activities that ASME, and specifically our Division, are undertaking. A major theme this year was manufacturing, and I was pleased to describe how cell-based manufactur-
ing and medical devices, among other areas, are important to national health and economic priorities. It is important that our elected representatives understand that engineers are engaged in a broad range of activities that benefit human welfare. In the case of the Division, we need to reinforce the message that engineers play, and will continue to play, a critical role in healthcare, something that the public is not generally aware of.

I also had the opportunity to attend the ASME Annual Meeting in Vancouver in early May, describing some of the exciting initiatives that the Division is involved in. Not all BED Members may be aware that Bioengineering is one of five key technology areas for ASME, and thus is a high-priority initiative for the Society. For example, Christine Reilley is leading an ASME effort to create a Bioengineering “lexicon”, that I expect will be an important resource to help engineers bridge the gap with clinicians and life scientists, and vice versa.

By the time you read this, I will have completed my term as Division Chair and Jeff Holmes will have assumed that role. I am delighted that Jeff is taking over from me: he thinks strategically, is energetic, and is fully committed to the vibrancy of the Division. I look forward to working with him and all volunteers in my new role as Past Chair. In closing, it has been a pleasure to work with volunteers and ASME staff over the past year to advance the mission of the ASME Bioengineering Division on behalf of our nearly 2000 members.

Ross Ethier, Chair
ASME Bioengineering Division
2017-2018

See you in Dublin!
### BED Committee Meeting Schedule, Sunday, July 8

<table>
<thead>
<tr>
<th>Meeting Name</th>
<th>Location</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>BED Executive Committee*</td>
<td>Pegasus 1&amp;2</td>
<td>7:00-9:30 am</td>
</tr>
<tr>
<td>SB³C Organizing &amp; Program</td>
<td>Pegasus 1&amp;2</td>
<td>9:30-10:20 am</td>
</tr>
<tr>
<td>SB³C Conference Oversight*</td>
<td>Pegasus 1&amp;2</td>
<td>10:30-11:20 am</td>
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<tr>
<td>Industry Advisory</td>
<td>Columba 2</td>
<td>10:30-11:20 am</td>
</tr>
<tr>
<td>New Directions</td>
<td>Orion 2</td>
<td>10:30-11:20 am</td>
</tr>
<tr>
<td>Education</td>
<td>Orion 2</td>
<td>11:30am-12:20pm</td>
</tr>
<tr>
<td>Solid Mechanics</td>
<td>Pegasus 1&amp;2</td>
<td>11:30am-12:20pm</td>
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<tr>
<td>Biotransport</td>
<td>Columba 2</td>
<td>11:30am-12:20pm</td>
</tr>
<tr>
<td>Design Dynamics and Rehab</td>
<td>Orion 2</td>
<td>12:30-1:20 pm</td>
</tr>
<tr>
<td>Cell and Tissue Engineering</td>
<td>Columba 2</td>
<td>12:30-1:20 pm</td>
</tr>
<tr>
<td>Fluid Mechanics</td>
<td>Pegasus 1&amp;2</td>
<td>12:30-1:20 pm</td>
</tr>
</tbody>
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### BED Committee Meeting Schedule, Tuesday, July 10

<table>
<thead>
<tr>
<th>Meeting Name</th>
<th>Location</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open Executive Business Meeting</td>
<td>Wicklow MR 2</td>
<td>6:45-7:45 pm</td>
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### BED Committee Meeting Schedule, Wednesday, July 11

<table>
<thead>
<tr>
<th>Meeting Name</th>
<th>Location</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Leadership Council Meeting</td>
<td>Wicklow MR 3</td>
<td>6:45-7:45 pm</td>
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</table>

*Indicates Closed Meetings. All other meetings are open to all SB3C attendees. All meeting locations and times may be subject to change. Check the final WCB 2018 program information on site.
This year’s meeting of our group will take place July 8-12, 2018, in Dublin, Ireland, as an integral part of the 2018 World Congress of Biomechanics (WCB 2018). I was honored to serve as Co-Program Chair for WCB 2018, a veritable Olympiad of biomechanics! Represented in the Congress program (found at http://wcb2018.com/programme/) are delegates from 5 continents, 68 different countries, and 13 different formally aligned professional societies, including the ASME-BED and SB3C. By nearly all metrics, the 2018 congress is the largest WCB to be held outside the US, with 4529 abstracts submitted, yielding 1872 podium presentations (including 376 Keynote Speakers) and 2086 poster presentations. With the guidance of the World Council, we have carefully selected 11 Plenary Speakers (see http://wcb2018.com/speakers/) to show the breadth, depth and diversity of biomechanics in the world today. Some of these speakers are colleagues that are typically among the participants of our annual meeting.

We created the WCB 2018 program in a “two axes” format, whereby topics along a “scale” axis intersect with topics along a “systems” axis to create natural synergies at the intersection points. We selected our Track Chairs – again, some of them colleagues within ASME and SB3C – who we knew would do (and did!) a wonderful job of engaging the 149 Session Chairs and Co-Chairs and navigating the sometimes complex “two axes” program format.

Don’t worry; though the meeting will be in Dublin and be part of WCB 2018, it will have many of the high quality features that you come to expect from our annual meetings. We all owe thanks to Drs. Rich Debski and Jonathan Vande Geest for serving as the liaisons for our groups – ASME-BED and SB3C, respectively – to WCB 2018, and to WCB 2018 Societies Track Chair Michael (Mikah) Walsh, for making sure that our programming needs were met at the Congress. Dr. Vande Geest successfully secured funds from both the NSF and the NIH for student travel fellowships, and Dr. Alison Marsden and Margaret Truong helped organize and plan the Diversity Mentor-Mentee Event to be held at WCB 2018. Dr. Rouzbeh Amini organized the ASME-BED Student Paper Competition (SPC) for this year and he and his committee did a lot of work for the competition to continue overseas this year. Dr. Michael Moreno and the DDR Technical Committee, through NSF funding secured by Dr. Tamara Reid Bush, organized our Undergraduate Design Competition (UDC) for this year. The ASME-BED- and SB3C-specific programming, including committee meeting schedule can be found at http://wcb2018.com/asmebed-awards-and-meeting/. Our ASME Awards – the Lissner, Mow, Fung, Woo and Nerem Awards – are in the program as are the SPC and UDC.

Continues on Page 6
And, of course, our very own BEDrock – as they did at the Boston House of Blues at WCB 2014 – will once again take the World stage, as an official, sponsored WCB 2018 event. Note that this is at a venue that is some distance from the convention center, so plan your travel time accordingly. Unfortunately, this is a ticketed event and tickets have sold out. I would encourage those of you who do not have a ticket to...
The Academy, 57 Middle Abbey Street, Dublin 1
Tuesday 10th July 2018 19:00 – 23:00

Rock With Our BEDrock Stars
Biotransport (BIOT) will hold their annual meeting at the 8th World Congress of Biomechanics July 8-12 in Dublin, Ireland. The committee meeting will occur on Sunday, July 8, at 11:30 AM. We will discuss past initiatives, ongoing activities, and future direction of our committee in the ASME BED and HTD divisions. We will take this opportunity to recognize achievements of our members. This is an open meeting and everyone interested in linking transport of energy, mass, and momentum with medicine and functioning of living systems is encouraged to attend. In a partnership between Biofluids and Transport, 32 sessions will be sponsored at the World Congress. There will also be a session entitled Cryotherapy and Cryopreservation dedicated to Boris Rubin-sky’s 70th birthday. Biotransport has also sponsored sessions at the International Mechanical Engineering Congress and Exposition (IMECE). Dr. Xiaoming He who is currently co-chair of the committee will take over as chair following the World Congress. Please contact the committee chair, Marissa Nichole Rylander, (mnr@austin.utexas.edu) for further details or clarifications.

Enjoy your time in the great conference venue!
The World Congress on Biomechanics (WCB) is just around the corner! We will be holding our DDR committee meeting on Sunday, July 8 from 12:30-1:20 in the Orion2 Room on the Ground Floor of the Spencer Hotel which is next to the conference center. Please join us for the meeting and feel free to bring a colleague.

This year, I served as Track Chair for the WCB in the areas of Rehabilitation, Injury and Sports Biomechanics. This track has sessions scheduled every day, and many are being organized by members of DDR – a big thank you to all our DDR organizers! Some of our rehabilitation sessions are also listed under the Imaging and Devices topic. For example, Thursday we have sessions on rehabilitation of the shoulder, hand and ankle that run all day under that track title. DDR is also jointly sponsoring a session with the Industry Committee, led by Martin Tanaka, on Technology Innovation in Medical Devices.

Our Undergraduate Design Competition (UDC), organized by DDR’s Vice Chair, Mike Moreno, will be held on Tuesday during lunch at WCB (look for a room location to be announced). The awards for the UDC will be presented on Wednesday at lunch. Even if you do not have a team submitting a project, I recommend a visit to this session – the devices being developed by undergraduates are amazing! Also, Mike Moreno will be needing on-site judges for the UDC; so if you are able to attend and are interested in judging, send Mike an e-mail. A big thanks to NSF for sponsoring our competition again this year!

Finally, I’d like to send a thank you to all of our DDR members who reviewed abstracts and helped with the WCB.

I’m looking forward to seeing you in Dublin! In the meantime, feel free to contact me if you have questions or would like to be on the DDR e-mail list (3-4 e-mails a year).

Contact Info:

Tamara Bush, PhD, Chair Design, Dynamics and Rehabilitation, reidtama@msu.edu
Mike Moreno, PhD, Vice Chair & Undergraduate Design Competi-

Taste delicious Irish food at WBC 2018!
The Cell and Tissue Engineering (CTE) Technical Committee is looking forward to our annual gathering at the upcoming WCB 2018. The CTE Technical Committee will be well represented at the meeting. The meeting as a whole includes a broad range of plenary lectures, symposia, and workshops, with many of these sessions and workshops co-chaired by our committee.

Our primary Technical Sessions include:

- Cell Biomechanics
- Tissue Biomechanics
- Organ Biomechanics

I especially encourage young people to get involved with CTE. With emerging imaging and genetic technologies, the CTE fields are exciting and uplifting. The research themes of CTE have spanned across many other technical committees of BED. I am looking forward to your suggestions and comments (ed.guo@columbia.edu).

Finally, we welcome and congratulate the new CTE Vice-Chair Grace O'Connell from UC Berkeley.

Most ASME-BED committee meetings will be held Sunday July 8th. See page 4 for times and locations.
Vice Chair Vicky Nguyen and I would first and foremost like to thank the members of the Solids Technical Committee for your help in putting together a portion of the technical content for this year’s World Congress of Biomechanics in Dublin, Ireland. Several of our Committee members were integral to the planning and execution of this meeting’s technical program as well as in a variety of other leadership roles including abstract review and diversity and outreach. We would also like to especially thank those of you that made running the Student Paper Competition a reality for the Congress this year – these efforts don’t go unnoticed!

The next annual meeting of the Solid Mechanics Technical Committee will be held in Dublin, Ireland prior to the World Congress of Biomechanics. We will be meeting on Sunday July 8th in the Pegasus 1&2 rooms of the Spencer Hotel – located near the Convention Center. We are always looking for people who want to get involved - reviewing abstracts, chairing sessions, organizing workshops - so please join us at this gathering for a brief overview of our contributions to the 2018 World Congress of Biomechanics and a discussion and preview of 2019 SB³C. If you have ideas for the technical program for SB³C 2019 (new themes, special sessions, workshops, etc.) then this meeting is the time and place to initiate those discussions! As always please feel free to reach out to me (Jonathan Vande Geest, Solids Chair - jpv20@pitt.edu) or our Vice Chair Vicky Nguyen (vicky.nguyen@jhu.edu) if you have any questions or concerns.

The Conference Venue — The Convention Centre Dublin: Window showing the city!
Please **nominate your students** for our **Student Leadership Committee**. The purpose of this committee is to aid students in gaining leadership experience and to facilitate planning and execution of student events for upcoming conferences and other local/virtual programs.

The students need to commit to a one-year term including coming to SB3C Conference and attending a one-hour planning meeting at SB^3^C. Please send your nominations to Laurel Kuxhaus (lkuxhaus@clarkson.edu). The nomination should include a short paragraph about the student in the body of an email indicating why the student is suitable for a position on the committee. We envision the committee consisting of about 10 graduate students, but committed undergraduate students are welcome as well.
BIOENGINEERING DIVISION ADMINISTRATIVE COMMITTEES

The BED has four administrative committees: Education, Honors & Awards, Membership, and New Directions. Additionally, the BED selects representatives to other bioengineering organizations and to committees within ASME. Within ASME, the BED has representatives to the Thurston Award Committee, the ASME annual meeting (IMECE), and the Engineering Sciences Segment. Beyond ASME, the BED typically has representatives to the American Institute for Medical and Biological Engineering and the U.S. National Committee on Biomechanics.

Reports from these committees and representatives follow.

EDUCATION COMMITTEE

Bioengineering education will take on an international flavor at this year’s World Congress of Biomechanics in Dublin, Ireland. Members of the Bioengineering Division Education Committee, together with bioengineering educators from around the world, will present innovative education ideas through three oral sessions as well as many posters. Presenters for the two general biomedical engineering education oral sessions, which will take place on Wednesday July 11th at 11:20 AM and 3:10 PM, will describe how flipped classrooms, internships, and research can enhance educational experiences from the United States to Europe to Asia to the Middle East. An additional biomedical engineering education oral session will focus entirely on Biomedical Engineering Research and Education in Africa (Wednesday July 11th at 9:20 AM). We hope that many of you will attend these talks to facilitate the exchange of educational best practices from around the world.

If you are committed to continuous improvement in bioengineering education and interested in becoming more involved with the Bioengineering Division and SB3C, please come to the Education Committee meeting at World Congress on Sunday July 8th at 11:30 AM in Orion 2. We will discuss ideas for SB3C 2019 as well as ways to partner with ASME to improve student engagement with the division through enhanced services for students at all levels. If you are unable to attend the meeting at World Congress and would like to be involved, please reach out to me directly.

See you in Dublin!

Alisa Morss Clyne, Chair
BED Education Committee
2017 – 2018

(Continued on page 12)
At the New Directions Committee held at the SB^3C in 2017, 23 individuals met to brainstorm ideas on ways in which the Bioengineering Division could continue to grow and best serve our membership. The majority of the discussion focused on a single question:

**How do we increase the pipeline of individuals to serve in volunteer and leadership positions within the BED?**

The first set of ideas focused around increasing communication to the membership about the committees, their functions, and the fact that all meeting attendees are welcome to participate in the committee meetings. It was also recommended that a clearer delineation be identified between the BED and the SB^3C Foundation, the organizers of the Summer Biomechanics, Bioengineering, and Biotransport Conference. Even clearly and accurately identifying members of the BED Executive Committee to the BED membership and the SB^3C current mentoring event. However, so as not to detract from the impact of that event on students and trainees, a separate event may also be appropriate. In addition, creating a matching program to help mentees connect with mentors, was also identified as a potential longer term goal. This would allow junior and mid-career faculty to develop a mentoring network outside of their home institution.

While addressing this question took most of the hour, a brief discussion was also held about new or enhanced initiatives that could have an impact on the BED. The focus here was on potential factors that could improve the quality and number of submissions to the ASME BED Journals, goals on which the respective editors have also been focused. New ideas that were broached focused on increasing the visibility of the journals to the scientific and general public. This included developing a system that could notify science writers, funding agencies, and researchers in related areas

(Continued on page 15)
NEW DIRECTIONS COMMITTEE (CONTINUED)

about research highlights within the BED journals.

The New Directions Committee will meet at the World Congress of Bio-

mechanics on July 8 from 10:30 to 11:20 am in Orion 2 at the Spen-
cer Hotel. Anyone is welcome. We will discuss how last year’s ideas
overlap with plans developed at the BED Leadership Retreat held in
February, and brainstorm the next set of ideas that could benefit our

membership. Please consider joining us!

Michele Grimm, Chair
New Directions Committee

Join us to sail in a new direction for SB3C!
The 2018 World Congress of Biomechanics will include many of the student activities traditionally held at SB3C – be sure to read your program to find their dates, times, and locations! In addition to the students featured in the BS-, MS-, and PhD-level Student Paper Competitions, the Undergraduate Design Competition, and those presenting their research, there are a number of student-specific events planned for both social and professional development. The networking activity (described below) is being organized by the ASME Bioengineering Division Student Leadership Committee (SLC). The SLC was formed at the ASME Summer Bioengineering Conference in 2013, as a way to involve students through both social and informative events. Since then, the SLC has regularly contributed to our conference programming and organization.

If you would like to join the SLC, please ask your advisor or other faculty member to nominate you. Nominations should include a short note of recommendation, your resume (or CV), and a brief personal statement from you about your motivation to join the SLC. We encourage nominations to be sent via email to Laurel Kuxhaus (lkuxhaus@clarkson.edu).

Laurel Kuxhaus, Chair
BED Student Affairs

Update from the Student Leadership Committee:
During a typical SB3C conference, the SLC plans multiple events such as social events to bring students together, networking events to connect students and potential employers, and workshops focusing on topics important to students. However, the World Congress of Biomechanics is not a typical conference.

In Dublin this year we have focused on planning one event that will run throughout the conference and encourage networking. The signup booth will have ribbons of two colors: one for individuals looking for employment/research opportunities (blue) and one for employers/researchers looking to hire/host (green). These ribbons can be pinned to the name badges given out by the conference to signal that you are looking to hire or be hired and that you would like people to talk to you about it. World Congress will bring researchers from around the globe together. We hope that these ribbons will connect with people from many countries and make it easier to find opportunities around the world.

We encourage students to attend the open SLC meeting on July 11, 2018, at Wicklow MR 2 in the conference center, to provide feedback and ideas for next year’s SLC. It is also open to post-docs, faculty and industry; we welcome your feedback and ideas for future student events.

Additional information can be found at WCB on the bulletin boards at WCB and will be posted to the ASME Bioengineering Division Facebook page. In the days preceding and during the conference, the SLC will be sure to post reminders and updates to the Facebook page and our Twitter account (@asmebedstudents), so
please check back frequently. We are extremely excited for these student events and look forward to a strong turnout. For any questions, please feel free to contact us through email at: asme-bed-slc@googlegroups.com. We look forward to seeing everyone in Tucson!

Josh Drost, Diana Alatalo
Chair and Co-Chair
BED Student Leadership Committee

LOTS OF POSTER PRESENTATIONS!

The get-together will be a great social networking time
In June 2017, Bioengineering Honors and Executive Committees successfully created a new society-level Bioengineering Division award, Robert M. Nerem Education and Mentorship Medal. This award will be awarded annually “In recognition of excellent mentoring and teaching of trainees in the field of bioengineering”. ASME Committee on Honors formally approved the creation of this award. This fifth Bioengineering Division award joins the illustrious list of four medals including the Lissner, Fung, Mow and Woo awards. The medal creation was formally announced at the SB3C Meeting, June 24, 2017 and the Nerem Committee has selected the first recipient for the year 2018.

At the 8th World Congress of Biomechanics joint conference with SB3C, this summer (June 2018), five award recipients will be recognized at the banquet. They include:

Spencer P. Lake, 
Y.C. Fung Early Career Medal,

Jeffrey W. Holmes,  
Van C. Mow Medal,

Kyriacos Athanasiou,  
Savio L-Y. Woo Medal,

Roger Kamm,  
Robert Nerem Medal and

Louis Soslowksy  
H. R. Lissner Medal.

Congratulations to all five recipients.

Now, we look forward to 2019 nominations. As the current chair of the BED Honors and Awards Committee, I encourage you all to nominate candidates for the Division’s five special recognition awards.

Nominations from the pool of active members of the BED are now open for the 2019 awards! To nominate a colleague or yourself for a 2019 award, please submit the nomination form to the Chair of the appropriate Honors Committee no later than Sept. 1, 2018. In preparing nomination packages please note that Honors committee members cannot submit a candidate or provide a letter of support to the committee they are serving.

Please follow the guidelines of the nominations forms; they can be found at community.asme.org/bioengineering_division/w/wiki/3494.honors-awards.aspx

The details of five awards are as

The Y.C. Fung Young Early Career Award recognizes young investigators who are committed to pursuing research in the field of Bioengineering and have demonstrated significant potential to make substantial contributions to the field of Bioengineering. Candidates must have earned a Ph.D. or equivalent degree in any field of engineering, physics, medicine or life sciences. Candidates must have received their terminal degree less than ten years prior to June 1 of the year the award is conferred. The award was established by the Bioengineering Division in 1985, it was elevated to a Society award in 1988. The award was renamed in 2017. Chair: Dr. Naomi Chesler (University of Wisconsin) nao-mi.chesler@wisc.edu

The Van C. Mow Medal is bestowed upon an individual who has demonstrated meritorious contributions to the field of bioengineering through research, education, professional development, leadership in the development of the profession, mentorship to young bioengi-

(Continued on page 19)
neers, and with service to the bioengineering community. The individual must have earned a Ph.D. or equivalent degree between ten and twenty years prior to June 1 of the year of the award. The award was established by the Bioengineering Division in 2004. Chair: Dr. John Bischof (University of Minnesota) bischof@umn.edu

The Savio L-Y. Woo Translational Biomechanics Medal award recognizes a sustained level of meritorious contributions in translating bioengineering research to clinical application, to improve the quality of life. Any member of ASME who has demonstrated a sustained level of outstanding achievement in translating bioengineering findings to the clinical community may be eligible for this medal. The Chair of this Award Committee is James Moore Jr. (Imperial College, UK) james.moore.jr@imperial.ac.uk

The Robert M. Nerem Education and Mentorship is bestowed upon an individual who has demonstrated a sustained level of outstanding achievement in education and mentoring of trainees. Examples of meritorious activities include leadership within the nominee’s institution, mentoring activities that are above and beyond those expected from others employed in similar positions, mentoring activities tailored to meet the needs of the trainees, and innovative mentoring activities. Candidates must have earned a Ph.D. or equivalent terminal degree in any field of engineering, physics, medicine or life sciences. The award was established by the Bioengineering Division in 2017. Chair: Dr. Sara Wilson (University of Kansas) sewilson@ku.edu

The H. R. Lissner Medal recognizes outstanding achievements in the field of bioengineering. These achievements may be in the form of (1) significant research contributions in bioengineering; (2) development of new methods of measuring in bioengineering; (3) design of new equipment and instrumentation in bioengineering; (4) educational impact in the training of bioengineers; and/or (5) service to the bioengineering community, in general, and to the Bioengineering Division of ASME, in particular. The H.R. Lissner Award established as a divisional award in 1977. It was upgraded to a society award in 1987. Chair: Noshir Langrana (Rutgers University) langrana@rutgers.edu.

EDITOR’S NOTE

As SBC 2018 is being held in conjunction with the 8th World Congress of Biomechanics (WCB 2018) in Dublin, we have the opportunity to explore this city that is rich in history. While WCB 2018 may not be at the resort areas common for SBC meetings, it does offer incredible opportunities to interact with biomechanics investigators from around the globe. Check out the highlights of the excellent program on the website. Head to Dublin for a memorable summer week.

The BED is a volunteer driven division of ASME. At SBC2018, join a technical committee meeting. See page 4 for details of meeting times and locations.

As always, a BIG thanks to all who contributed to this edition! Anyone can send comments or suggestions of your own, to me at wtan@colorado.edu. Welcome new editor, Kristen Myers from Columbia, It is time for me sign off...
Celebrate the achievements of your colleagues by nominating them as ASME Fellows! Fellows are conferred the highest elected grade of ASME membership as a recognition of their outstanding contributions to the field. To be eligible, the nominee should have 10 or more years of active practice and 10 or more years of ASME membership.

One nominator and three sponsors in the field of the nominee are needed. Any ASME member can nominate a Fellow. Two of the three sponsors need to be ASME members. Nomination packets are submitted online and deadlines are quarterly. (The next one is September 1.) Further information on nominating a Fellow is at: https://www.asme.org/about-asme/get-involved/honors-awards/fellows

Please contact me (msarnt@ufl.edu) if you are interested in nominating one of our BED members. I am happy to help you through the process!

Malisa Sarntinoranont, Chair
Membership Committee
2017–2020

ASME Fellows 2017 – 2018

Tianhong Cui
Professor
Mechanical Engineering
University of Minnesota

Hui Meng
Professor
Mechanical & Aerospace Engineering
University of Buffalo

Malisa Sarntinoranont
Associate Professor
Mechanical & Aerospace Engineering
University of Florida

Costin Untaruoiu
Associate Professor
Department of Biomedical Engineering & Mechanics
Virginia Tech

X. Edward Guo
Chair & Professor
Biomedical Engineering
Columbia University

Alton Reich
CEO
Vital Metrix

Tza-Huei (Jeff) Wang
Professor
Mechanical Engineering
John Hopkins University

Laurel Kuxhaus
Associate Professor
Mechanical & Aerospace Engineering
Clarkson University

M. Keith Sharp
Professor
Mechanical Engineering
University of Louisville

Jeffery A. Weiss
Professor
Department of Bioengineering
University of Utah

Neil Wright
Associate Professor
Michigan State University

(Continued on page 21)
ASME Fellows 2017 – 2018

James Yang
Associate Professor
Mechanical Engineering
Texas Tech University

Katherine Yanhang Zhang
Associate Professor
ME, BME, MSE
Boston University

Qingze Zou
Professor
Mechanical & Aerospace Engineering
Rutgers, The State University of New Jersey

ASME Fellows

A Fellow, one who has attained a membership grade of distinction, at the time of advancement shall be a corporate member of the Society, shall have been responsible for significant engineering achievements, and shall have not less than 10 years of active practice and 10 years of continuous corporate membership in ASME

Nominate your colleagues!

CONGRATULATIONS TO NEW FELLOWS!! CELEBRATE THEIR ACHIEVEMENTS!
ASME BED ROSTER 2017-2018

EXECUTIVE COMMITTEE
Chair
Ross Ethier, Ph.D.
ross.ethier@bme.gatech.edu

Secretary
Jeff Holmes, Ph.D.
holmes@virginia.edu

Treasurer
Steve Thomopoulos, Ph.D.
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Executive Committee
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Secretary
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holmes@virginia.edu

Treasurer
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sat2@columbia.edu

External Affairs
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Rupak.Banerjee@uc.edu

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