



# BMES

BIOMEDICAL ENGINEERING SOCIETY

## 2022 ANNUAL MEETING

**OCTOBER**

**12 - 15**

**San Antonio,**

**TEXAS**

***SPONSORSHIP & EXHIBIT  
OPPORTUNITIES***

# 2022 BMES Annual Meeting

**October 12-15, 2022**

Henry B. Gonzalez  
Convention Center  
900 E. Market Street  
San Antonio, Texas 78205

## Meeting Co-Chairs



**Treena Arinzeh, PhD**

Meeting Co-Chair



**Kris Billiar, PhD**

Meeting Co-Chair



**Anita Singh, PhD**

Meeting Co-Chair

## Questions? Contact:

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Charity@BMES.org  
301.459.1999

### A NOTE FROM THE 2022 ANNUAL MEETING CO-CHAIRS

As Co-Chairs of the 2022 BMES Annual Meeting, we are delighted to invite you to this year's meeting!

From October 12-15, 2022, in the vibrant multicultural city of San Antonio, we will celebrate the tremendous contributions made by BMES members in research, teaching, education, and the workforce that directly impact many sectors of our society. We also aim to highlight equity issues in healthcare and education stemming from racial and socioeconomic diversity, gender and sexual orientation, and disabilities.

This year, we are planning an in-person conference with streaming of the plenaries and DEI events to provide a taste of our best and brightest for those who can't make it in person and to encourage students at HBCUs, community colleges and high schools to learn about BME. While it's hard these days to break away from our screens, we strongly encourage you to join us in San Antonio for the full experience. The BMES Annual Meeting is a unique event where you can reconnect with colleagues and expand your network with BMEs for future collaborations, mentorship, and possible employment. We understand that traveling in these times is a personal decision, so we've created an online networking system to bridge the gap between in-person attendees and those who can only join us virtually.

In an effort to enhance the experience of attendees, we are introducing a new "Session Co-Chair Trainee" program. This addition will allow BMES members, in the early stages of their careers, to shadow appointed Session Co-Chairs at the Annual Meeting. These positions are critical to the success of our meetings.

There will be a renewed focus on the existing women's and global health tracks. In addition, thanks to the diligent planning of BMES Committees, we have included a series of Special Session tracks dedicated to DEI, professional development, and student support. Further, we seek proposals for Special Sessions from BME stakeholders that elevate these topics and help facilitate equality in STEM.

While the highlight at BMES Annual Meetings is promoting the importance of cutting-edge science, we will also celebrate the leadership and accomplishments of those who have made the most significant impact in our community — BMES Grade of Fellows and award winners. These two groups embody the BME leaders of tomorrow, so we hope you will nominate someone who inspires you and deserves recognition within our community.

We are confident that you will have a productive, rewarding, and enjoyable experience at the 2022 BMES Annual Meeting. We hope you are as ready as we are to connect with and broaden our community. So come join us as part of the BME community this October!

See you in San Antonio!

#### Meeting Co-Chairs

**Treena Arinzeh, PhD**

Meeting Co-Chair

**Kris Billiar, PhD**

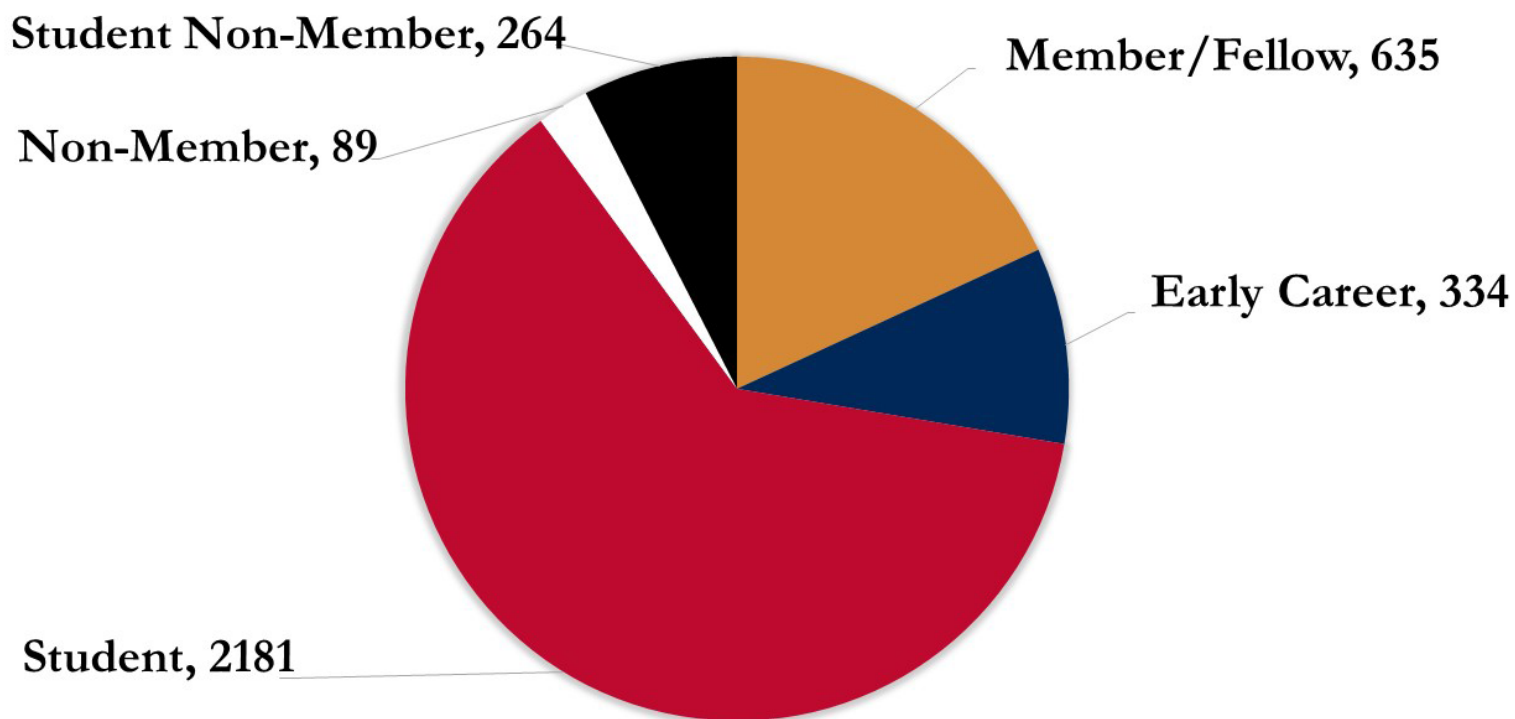
Meeting Co-Chair

**Anita Singh, PhD**

Meeting Co-Chair

**BMES ANNUAL MEETING ATTENDEE DEMOGRAPHICS**

**AVERAGE ATTENDANCE (2018-2021)**



### DIVERSITY EVENT SPONSORSHIP OPPORTUNITIES

#### GENDER EQUITY IN BME

Plated luncheon to discuss priorities of the BMES Diversity Committee around women in the field. Sponsor prominently acknowledged by BMES President at event. Sponsor may have 2 minutes of podium time at start of event to address attendees. Your organization's name will be included on the invitation ticket and/on signage for the event.

#### LGBTQIA+ DESSERT RECEPTION

An opportunity for members of the LGBTQIA+ community and allies to discuss trends and topics related to the BME field. Sponsor prominently acknowledged by BMES Diversity Committee Chair/Co-chairs at the top of the event. Desserts will be served. Sponsor may have 2 minutes of podium time at start of event to address attendees. Your organization's name will be included on the event ticket and/or on signage for the event.

#### UNDERREPRESENTED IN BME LUNCHEON

Plated luncheon to discuss priorities of the BMES Diversity Committee. Sponsor prominently acknowledged by BMES President at event. Sponsor may have 2 minutes of podium time at start of event to address attendees. Your organization's name will be included on the event ticket and/on signage for the event. Sponsors receive up to five (5) event tickets.

#### Blue Sponsor - \$10,000

(Up to three in total)

Blue sponsors will get 2 minutes at the start of the event to address in-person attendees, be allowed to leave up to two handouts on chairs (vetted by BMES Diversity Committee), and logo acknowledgment on signage at the event and online (website and app).

**You will also receive five (5) event tickets and 5 Priority Points.**

#### Yellow Sponsor - \$5,000

(Up to three in total)

Yellow sponsors are allowed to leave one handout on chairs (vetted by BMES Diversity Committee) and sponsor logo acknowledgment on signage at the event and online (website and app).

**You will also receive two (2) event tickets and 3 Priority Points.**

#### Red Sponsor - \$1,000

(Up to five in total)

Red sponsors will receive logo acknowledgment on signage at the event and online (website and app).

**You will also receive 1 Priority Point.**

#### Sponsor Two Event Tickets - \$100

Would you like to sponsor two (2) meeting attendees to participate in one of these events? If you so choose, ticket sponsors will be acknowledged and thanked on the BMES website.

\*Please note that BMES will charge a nominal fee of \$10 to ensure that attendees who RSVP do attend.

### A LA CARTE SPONSORSHIP OPPORTUNITIES

#### **QUIET ROOM - \$3,000/DAY (2 Priority Points)**

Attendees need a space to recharge themselves – it's good for everyone's mental health! Individual, socially distanced stations will be set up to give attendees a quiet area to check email, meditate, or just take a breather. Water and on-the-go snacks will also be available. We will recognize the sponsor on signage and in our plenary deck for the day as a thank you for your sponsorship. There are three days to choose from: Thursday, Friday, or Saturday.

#### **ACCESSIBILITY SERVICES - \$5,000/DAY (3 Priority Points)**

BMES is working to make the Annual Meeting even more accessible for attendees! Sponsor a plenary American Sign Language interpreter (2 sessions per day) as well as closed captioning on our streaming platform. We will recognize the sponsor on signage and in our plenary deck for the day as a thank you for your sponsorship. There are three days to choose from: Thursday, Friday, or Saturday.

#### **INDUSTRY MIXER - \$5,000 (MULTIPLE AVAILABLE) (3 Priority Points)**

BMES student members represent 75% of attendees at the meeting, and they want to hear from you! This social event is designed to give our members an opportunity to network with you and your company to learn more about the opportunities in the non-academic world. Your company representative will join you at a table with your name and logo, and a new, small networking group will make their way to speak with you about your career trajectory, your company profile, and more. We will recognize the sponsor on the looped slide deck during the mixer to thank you for your sponsorship.

#### **PHOTO ROOM - \$3,000/DAY (2 Priority Points)**

Say "cheese!" Whether attendees want a professional headshot or a new profile picture, you can sponsor the BMES 2022 Photo Room, where a professional photographer will be available for three hours a day to take photos of attendees. We will recognize the sponsor on signage and in our plenary deck for the day as a thank you for your sponsorship. There are three days to choose from: Thursday, Friday, or Saturday.

#### **BMES BASH - \$10,000 (MULTIPLE AVAILABLE) (5 Priority Points)**

Help create a memory that will last attendees a lifetime by sponsoring the BMES Bash – the event held Friday evening to get people networking and having fun after a BME-filled first few days of sessions. We will recognize the sponsor on signage and in our plenary deck as a thank you for your sponsorship.

#### **WiFi SPONSOR - \$5,000/DAY (2 Priority Points)**

Every attendee will connect to our free meeting WiFi – why not also try to recruit them? When users log in, we will display your logo, link (to open in a new window), and booth number (if applicable). There are three days to choose from: Thursday, Friday, or Saturday.

### A LA CARTE SPONSORSHIP OPPORTUNITIES

#### HOSTED RECEPTION - \$2,000 (MULTIPLE AVAILABLE) (1 Priority Point)

Reserve event space to host your own reception during one of our most popular networking opportunities. The Hosted Receptions are the perfect time to meet with new and past colleagues and prospects alike. Benefits include the event space only. Sponsors are required to purchase their own food and beverage through the hotel as well as make any arrangements for audio, visual, or other needs. We will promote the room and location of your event in the app.

#### BMES PHOTO LETTERS SPONSOR - \$3,000/DAY (2 Priority Points)

The giant B-M-E-S letters, which debuted in 2021, were placed in the registration atrium, where hundreds of attendees used the opportunity to take pictures with their colleagues, labs, and friends. This year, we plan to make the in-person space brighter with up-lighting and a backdrop with the sponsor's logo. You can select one (or more) days to sponsor: Wednesday, Thursday, Friday, or Saturday.



### EXHIBIT PACKAGES

**Our exhibit hall is changing!** Please note that the Welcome Reception held on Wednesday night will take place in the hall to give you - even more - face time with attendees! Please also note that to accommodate smaller booth staff sizing and an extremely action-packed agenda, we are changing the hall hours to better accommodate attending the conference.

**Please note: Exhibit hall hours are subject to change.**

### NEW EXHIBIT HALL HOURS

#### WEDNESDAY

6:00 p.m. - 7:30 p.m.

#### THURSDAY

9:00 a.m. - 11:00 a.m.

2:00 p.m. - 4:00 p.m.

#### FRIDAY

9:00 a.m. - 11:00 a.m.

2:00 p.m. - 4:00 p.m.

#### SATURDAY

9:30 a.m. - 12:30 p.m.

#### EXHIBITOR MOVE IN/SETUP

Wednesday by 5:00 p.m.

#### BREAKDOWN/MOVE OUT

Saturday after 2:00 p.m. ONLY

### EXHIBIT BOOTHS

10' x 10'	\$2,000 (1 Priority Point)
10' x 20'	\$3,500 (2 Priority Points)
10' x 30'	\$5,000 (3 Priority Points)
20' x 20'	\$6,750 (4 Priority Points)

#### Every in-person 10x10 booth includes:

- Two (2) full conference registrations
- Pipe and drape
- One (1) 6-foot draped table
- Two (2) chairs
- One (1) waste basket



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OCTOBER 12 - 15 | SAN ANTONIO, TX

### ADVERTISING

#### LIMITED: Sponsor Highlight - \$1,500 (1 Priority Point)

One (1) sponsor highlight in a non-exclusive #BMES2022 email to thousands of engaged registrants. You'll provide the content (subject to BMES approval) to encourage attendees to visit you on-site at the Annual Meeting! Content includes your message (300 characters or less) and your logo.

#### LIMITED: Two Mobile Application Alerts - \$1,000 (1 Priority Point)

Drive traffic to your booth or inform attendees about your product with mobile app alerts throughout the conference. Your two (2) messages will be pushed to all attendees using the mobile app on their phones, tablets, and laptops. Character text limit for 2022 BMES app TBD (usually 150 characters max).

#### Advertisement in Digital Program

Include your advertisement in the digital program book that will be available for download on the BMES website and BMES 2022 Annual Meeting mobile app. BMES will provide specifications for the sponsor to create their advertisement (subject to BMES approval) for placement.

<b>FULL-PAGE AD</b>	<b>\$2,000 (1 Priority Point)</b>
<b>HALF-PAGE AD</b>	<b>\$1,000 (.5 Priority Points)</b>
<b>QUARTER-PAGE AD</b>	<b>\$500 (.25 Priority Points)</b>

### SPONSORSHIP PACKAGES

#### PLATINUM SPONSORS - \$30,000 (MULTIPLE AVAILABLE)

- 10x10 In-person Exhibit Booth  
Sponsor listing in the app
- Eight (8) full conference registrations (can be used for students and/or staff, includes exhibit booth registrations)
- Logo placement on meeting lanyard with the #BMES2022 in hashtag (color selection subject to BMES approval)

#### • Plenary Session Sponsor

The BMES Plenary Session sponsorship provides the opportunity to give welcome remarks, introduce the plenary speaker, and hand out marketing collateral to each in-person attendee at the session. Sponsor logo and branding will be placed on all marketing materials as well as signage promoting this session. Benefits include:

- » Opportunity to give welcome remarks or play a 2-minute video to open the session
- » Opportunity to provide handouts at on-site sessions (provided by sponsor and subject to BMES approval)
- » Logo on signage/email/social media when promoting the Plenary Session

Sponsor will select from: Thursday (AM welcome plenary/PM), Friday (AM/PM), or Saturday (AM/PM closing plenary)

#### • Track sponsorship

One of the main reasons our attendees join us at the Annual Meeting is to share the work they are doing in our sessions. Select the ideal track to sponsor based on your brand goals. Benefits include:

- » Selection of one (1) track to sponsor
- » Company name listed as the premiere sponsor of the track

### SPONSORSHIP PACKAGES CONTINUED

#### PLATINUM SPONSORS (CONTINUED)

- **Free room rental for reception**

Universities and companies may host a reception on Thursday or Friday night at allocated program times. You work directly with the hotel on catering to the look and feel of your event including food, beverage, entertainment, audiovisual, electrical, and lighting options.

- **Marketing Benefits to Include:**

- » Full-page ad in digital meeting program
- » Linked sponsor logo on BMES website
- » Sponsor logo on select meeting signage
- » Sponsor logo included in the footer of select pre-event #BMES2022 emails (no more than 1/week)
- » Sponsor logo included in the footer of all #BMES2022 Daily Meeting Update emails
- » Two (2) sponsor highlights in a #BMES2022 email — this will be mixed with other meeting news and not sent as an exclusive email. Sponsor will provide content (subject to BMES approval) consisting of:
  - 300 characters of text
  - Logo for image (other images will not be accepted)
- » Two (2) social media posts on Twitter, Facebook, and LinkedIn with logo, handle, and link
  - One will be a solo post (280 characters max) and linked to the page of your choosing
  - One will be a sponsorship level group post (combined with other sponsors) and linked to the sponsor webpage
- » 15 Priority Points will be added to your account for priority selection in 2023.

- **15 Priority Points will be added to your account for priority selection in 2023.**

#### GOLD SPONSORS - \$20,000 (MULTIPLE AVAILABLE)

- 10x10 Exhibit Booth
- Sponsor listing in the app
- Seven (7) full conference registrations (can be used for students and/or staff, includes exhibit booth registration)
- In-person Refreshment Break
  - » Refreshment breaks are held in the exhibit hall. Drive traffic to your university or company booth by promoting your brand!
  - » Branded table tents displayed at serving areas
  - » Signage promoting the break

### SPONSORSHIP PACKAGES CONTINUED

#### GOLD SPONSORS (CONTINUED)

- **Free room rental for reception**

Universities and companies may host a reception on Thursday or Friday night at allocated program times. You work directly with the hotel on catering to the look and feel of your event including food, beverage, entertainment, audiovisual, electrical, and lighting options.

- **Exclusive sponsor of (please choose one):**

#### REUSABLE WATER BOTTLE

- Select a water bottle from options provided by BMES
- Logo/organization name on bottle with #BMES2022 logo
- Water bottles will be placed in the BMES booth as well as throughout the exhibit hall

#### PRONOUN STICKERS

- Allows attendees to self-designate their pronouns! Signage with sponsor logo displayed at the BMES booth where attendees can pick up pronoun stickers and other ribbons

#### BRANDED PEN

- Selection of pen from three options provided by BMES
- Logo/organization name on pen with #BMES2022 logo
- Distributed to attendees throughout the conference area

#### BRANDED STICKY NOTES

- Selection of sticky notes from three options provided by BMES
- Logo/organization name on sticky pads with #BMES2022 logo
- Distributed to attendees throughout the conference area

- **Marketing Benefits to Include:**

- » Half-page ad in digital meeting program
- » Linked sponsor logo on BMES website
- » Sponsor logo included in the footer of select pre-event #BMES2022 emails (no more than 1/week)
- » Sponsor logo included in the footer of all #BMES2022 Daily Meeting Update emails
- » One (1) sponsor highlight in a #BMES2022 email — this will be mixed with other meeting news and not sent as an exclusive email. Sponsor will provide content (subject to BMES approval) consisting of:
  - 300 characters of text
  - Logo for image (other images will not be accepted)
- One (1) social media post on Twitter, Facebook, and LinkedIn with logo, handle, and link
  - » Post will be a sponsorship level group post (combined with other sponsors) and link to the sponsor webpage
- **10 Priority Points added to your account for priority selection in 2023**

### SPONSORSHIP PACKAGES

#### SILVER SPONSORS - \$10,000 (MULTIPLE AVAILABLE)

- 10x10 Exhibit Booth
- Four (4) full conference registrations (can be used for students and/or staff, includes exhibit booth registrations)
- Virtual Exhibit Booth
- Marketing Benefits to Include:
  - » Quarter-page ad in digital meeting program
  - » Linked sponsor logo on BMES website
  - » Sponsor logo on BMES website
  - » Sponsor logo included in the footer of select pre-event #BMES2022 emails (no more than 1/week)
  - » Sponsor logo included in the footer of all #BMES2022 Daily Meeting Update emails
  - » One (1) social media post on Twitter, Facebook, and LinkedIn with logo, handle, and link
    - Post will be a sponsorship level group post (combined with other sponsors) and link to the sponsor webpage
- **5 Priority Points added to your account for priority selection in 2023**

**\*Note about comp registrations:** Each comp entitles one (1) individual to register for the Annual Meeting as a full conference attendee, providing them with access to all non-ticketed sessions and events, the exhibit hall, poster presentations, one (1) BMES Bash wristband, admission to the Welcome Reception, and a copy of the program guide. Please note that there is no separate comp allotment for your booth personnel. No one will be automatically registered for the conference, including the contact(s) listed on your contract and the individual(s) who purchased your sponsorship/exhibit space.

### 2022 POLICIES FOR THE BMES ANNUAL MEETING

The Biomedical Engineering Society has adopted the following policies to ensure a safe, healthy, and respectful environment for our in-person meetings.

#### Code of Conduct

All attendees, speakers, sponsors, exhibitors, staff, vendors, guests, and volunteers participating in the Biomedical Engineering Society (BMES) Annual Meeting are required to agree to the following code of conduct. Organizers will enforce this code throughout the event. Noncompliance with the code could result in your removal from the event, without refund, and potentially being banned from future BMES meetings as determined by the BMES Board of Directors. We expect cooperation from all participants.

BMES is dedicated to providing a harassment-free conference experience for everyone, regardless of gender, gender identity and expression, age, sexual orientation, disability, physical appearance, body size, race, ethnicity, religion (or lack thereof), or technology choices. We do not tolerate harassment of conference participants in any form. Sexual language and imagery are inappropriate for any conference venue, including talks, workshops, social events, and all online social media.

Harassment includes: offensive verbal or written comments related to gender, gender identity and expression, age, sexual orientation, disability, physical appearance, body size, race, ethnicity, religion, technology choices, sexual images in public spaces and virtual forums, deliberate intimidation, stalking, following, harassing photography or recording, sustained disruption of talks or other meeting content, inappropriate physical or digital contact, and unwelcome sexual attention.

Participants asked to stop any harassing behavior are expected to comply immediately. If a participant engages in harassing behavior, the conference organizers may take any action they deem appropriate, including warning the offender or expulsion from the conference with no refund.

If you are being harassed, notice that someone else is being harassed, or have any other concerns, please contact the conference chairs or a member of the conference staff immediately. Contact information for the Annual Meeting team is available on our website and will be shared with all participants prior to the start of the event.

Conference staff is available to help participants contact local law enforcement or otherwise assist those experiencing harassment to feel safe for the duration of the conference. We value your attendance and want to ensure a safe environment for everyone at the meeting. Attendees can also email [conduct@bmes.org](mailto:conduct@bmes.org) if they wish to report an incident electronically (all communications will remain confidential).

### Code of Ethics

This BMES Code of Ethics is not a binding statement of law; rather it outlines the norms and obligations our professional society believes are required to fulfill a biomedical engineer's commitment to honesty and conscientiousness in scientific inquiry and technology development to advance the public health. The principles herein define the specific conduct to which a biomedical engineer should conform to meet the ethical standards of our profession, beyond the requirements set by regulatory bodies. The great cultural and personal ramifications that the modern practice of biomedical engineering and associated technological developments have on our society places a unique responsibility on its practitioners to uphold these ethical principles, thereby honoring the public trust placed in us to work honestly to advance the public health.

#### 1. Standards for Regulatory Compliance

##### 1.1. Applicable Laws and Norms

1.1.1. Assume personal responsibility for understanding the local regulations pertaining to biomedical research and technology development and adhere to the letter and spirit of applicable regulations to maintain the profession's standing and advance public health.

1.1.2. Recognize both the breadth of the biomedical engineering profession and the specificity of each subfield by identifying and applying applicable Codes of Ethics, including both broader codes and narrower subfield-specific codes.

#### 2. Standards for Research and Technology Development

##### 2.1. Responsible Conduct of Research and Development

2.1.1. Conduct research and development honestly and thoroughly in service of advancing the public health.

2.1.2. Commit to authentic stewardship of the published scientific record (e.g., through honest and careful description of work, ensuring authorship reflects substantive contributions, respectfully, thoroughly, confidentially, and objectively evaluating others' work, committing to non-predatory publishing practices, and being thorough and unbiased in citations).

2.1.3. Keep meticulous, comprehensive, and accurate records throughout the process of discovery and design to prevent errors, increase transparency, and improve reproducibility.

2.1.4. Exercise due diligence when studying or developing biomedical technology (e.g., seek review from collaborators or consultants when working outside areas of proficiency, keep up to date on current methods and practices, and undertake thorough background searches).

##### 2.2. Use and Collection of Data and Computer Code

2.2.1. Commit to honest presentation, use, collection, analysis, and computer code development for the processing of biomedical data (e.g., publish results and methods, release public descriptions, implement internal validations, or obtain impartial external evaluations of data, techniques, and computer code).

2.2.2. Strive to make biomedical data and methodology publicly accessible following project completion or proprietary development (subject to privacy constraints on human data) and take all reasonable steps (based on institutional resources) to ensure interpretable, stable structures to expedite discovery, improve development, and ensure rigor.

##### 2.3. Respect and Protections for Human Subjects

2.3.1. Treat human subjects as intrinsically valuable rather than instrumental in service of research and development goals (e.g., justify human subjects work with authentic risk-benefit analyses, maintain their right to confidentiality, and ensure they understand the implications of their participation).

2.3.2. Employ the highest standards of conscientious design to research and development processes involving human subjects (e.g., become personally familiar with regulations for human subjects work, ensure unbiased subject recruitment, and safeguard subjects' personal health data).

##### 2.4. Respect for Non-Human Animals

2.4.1. Use animals in quantities and in levels of distress that are justified by the potential benefits the biomedical research may have for advancing the public health.

### 3. Standards for Application of Biomedical Technology

#### 3.1. Recognition of Common Humanity and Disparate Needs

3.1.1. Promote accessibility of biomedical technology (e.g., through design choices that maximize affordability and availability, considerations of global communities beyond those in which the development process takes place, and a commitment to rapidly adapt technology to meet emerging dire public health needs).

3.1.2. Design and refine biomedical devices explicitly with the broadest possible range of humans in mind (e.g., spanning age, sex, size, ability, and other fundamental physiological characteristics).

3.1.3. Ensure the development and application of biomedical technology enhances the standard of care and does not diminish the dignity of those in care through marginalization, isolation, dehumanization, or other means (e.g., caregiving robots, avatars, or chronic cognitively dissociative interventions).

#### 3.2. Autonomous or Agent-Based Technology

3.2.1. Employ the utmost care, use collaborative efforts, and develop mitigation strategies to ensure containment of designed synthetic biological or artificial technologies that have the potential complexity to act as independent or unsupervised agents (e.g., engineered/altered viruses or other selfreplicating entities).

3.2.2. Ensure that artificially intelligent systems and data-driven models developed with the potential for use in public health decisions are validated on their use cases and that their limitations, scope, and data sources are known and clearly defined to practitioners and institutions (e.g., algorithmic medical diagnostics).

#### 3.3. Technology and Identity

3.3.1. Recognize the uniquely personal and sensitive implications of developing technologies that have the potential to substantially alter a person's perceived identity (e.g., brain stimulation devices, individualized genetic modification, chimeric organisms with human and non-human DNA, or methods that substantially alter physical features), and conceive of potential dangers and mitigation plans at the start of the design process.

3.3.2. Ensure that technologies developed to enhance natural human capabilities (e.g., cognitive-enhancing neurotechnology, tissue resilience, immune bolstering, or gene editing) are in service of the public health by analyzing and mitigating potential ancillary effects on society, culture, and the public trust in the biomedical engineering profession.

#### 3.4. Engineering and Environment

3.4.1. Exercise extraordinary caution when manipulating or developing technologies with the potential to make alterations to human germlines or germlines of critical biological resources (e.g., recombinant DNA, gene editing, human cloning, or designed microorganisms).

3.4.2. Safeguard the public environmental commons by minimizing the direct and mitigating off-target impacts of technologies that augment natural resources (e.g., biofuels, genetically modified organisms, or changes in consumer habits due to biofabricated products).

### 4. Standards for Mentorship and Education

#### 4.1. Mentor Responsibilities

4.1.1. Recognize a mentor's special obligations beyond that of an ordinary employer (e.g., being available, engaging in honest dialogue, fostering a long-term relationship, being sensitive to unique power dynamics, and promoting the mentee's growth and success).

4.1.2. Respect mentee independence (e.g., their interests, individual goals, professional contributions, and personal definitions of success).

### 4.2. Mentee Responsibilities

4.2.1. Communicate honestly with mentors (e.g., technical aspects of biomedical engineering work, ethical concerns, and personal expectations).

4.2.2. Assume ownership over the training process (e.g., help the mentor improve the training relationship and be deliberate in determining when and how to apply training).

## 5. Standards for Professionalism and Culture

### 5.1. Public Trust

5.1.1. Declare conflicts of interest transparently to relevant parties, both financial and intellectual, while still recognizing that incentives may be necessary to maximize the benefit of biomedical technology to the public health.

5.1.2. Communicate to the media and public with scrupulous honesty (e.g., clearly express warranted levels of confidence in conclusions and put expected efficacy in context) to avoid misleading the public (e.g., giving false hopes for treatment, generating confusion about the scientific enterprise, or undermining public trust in biomedical engineering).

5.1.3. Respect public support (e.g., use public funds judiciously and commit to open dissemination and accessibility of results and methods when work is funded through public means).

### 5.2. Dignity for Persons

5.2.1. Promote access to the profession of biomedical engineering to the broadest possible groups (e.g., lower barriers to entry, promote a professional culture of respect, and raise broad awareness of the mission).

5.2.2. Commit to engaging with colleagues, employees, and the public based on the merits of their ideas, regardless of their position or background.

5.2.3. Promote a working culture that encourages adherence to ethical norms outlined in this Code of Ethics (e.g., through non-retaliation for whistleblowing, conscientiousness, open discussion of the interpretation of professional values and responsibilities, and respect for cultural and religious practices that do not conflict with previously enumerated norms).



## 2022 ANNUAL MEETING

OCTOBER 12 - 15 | SAN ANTONIO, TX

### Health and Safety

BMES is committed to continuing to provide a safe and healthy environment for all Annual Meeting participants and staff. By adopting these preventative measures, BMES aims to reduce the potential spread of the COVID-19 virus at our meeting, in accordance with guidance provided by the U.S. Centers for Disease Control (CDC). All meeting attendees are expected to also comply with all applicable requirements. Please read the following everyday preventive actions to help reduce the spread of respiratory viruses:

- Do not travel to the meeting if you are sick.
- Once on-site, BMES requests that all meeting attendees practice good hygiene by regularly and thoroughly washing or sanitizing their hands throughout the day.
- Adhere to social distance protocols and respect others' personal space.
- We ask that all attendees follow CDC guidelines for masking. In accordance with these guidelines, BMES highly recommends that all unvaccinated attendees wear a mask at all times in the meeting and event spaces throughout the venue.
- All attendees may choose to wear a mask at any time, regardless of whether others around them are masked. Disposable masks will be provided at the BMES information desk for any attendee who would like one.
- If you become ill during the meeting, please remain in your room, and contact a BMES staff person. We will work with the hotel and put you in touch with local health professionals, as needed.

### Cancellation Policy

In order for a refund to be processed, requests for registration or ticketed event cancellation must be received by [membership@bmes.org](mailto:membership@bmes.org) in writing no later than Friday, August 26, 2022. **Refund requests will not be honored after the deadline of August 26.** Registrations and ticketed events purchased after August 26 are non-refundable. Phone cancellations are strictly prohibited, and cancellation requests sent via mail, fax, or emailed to any inbox other than [membership@bmes.org](mailto:membership@bmes.org) will not be reviewed. All refunds are subject to a \$50 cancellation fee. Attendee substitutions are not permitted, and meeting registrations cannot be transferred from one person to another. Membership dues payments are final and will not be refunded once processed. *\*Non-attending (no-show) registrants will not be refunded unless they are unable to make it to the 2022 BMES Annual Meeting due to extenuating circumstances (e.g., airline-initiated flight cancellations, illness from or diagnosis of COVID-19 during or right before the Annual Meeting, medical emergencies and injuries sustained by the registrant or direct relative, natural disasters, court/jury duty summons, military personnel deployment, death of an immediate family member, etc.). These registrants must submit reasonable verification of their inability to attend via email to [membership@bmes.org](mailto:membership@bmes.org) prior to the conference's conclusion on Saturday, October 15. Reasonable verification includes, but is not limited to, notice of flight cancellation provided by your airline, an injury report or physician's note issued by a licensed practitioner, copy of your official court/jury duty summons, military orders, obituary, etc. Failure to submit this documentation and correspondence by 5:00 p.m. ET on October 15, 2022, will result in 100% forfeiture of all registration fees paid, regardless of circumstances surrounding the absenteeism—no exceptions.*

### **Photo and Video Release**

Your entry and presence on the event premises constitutes your consent to be photographed, filmed, and/or otherwise recorded and to the release, publication, exhibition, or reproduction of any and all recorded media of your appearance, voice, and name for any purpose whatsoever in perpetuity in connection with BMES and its initiatives, including, by way of example only, use on websites, in social media, news, and advertising.

By entering the event premises, you waive and release any claims you may have related to the use of recorded media of you at the event. This includes, without limitation, any right to inspect or approve the photo, video, or audio recording of you, any claims for invasion of privacy, violation of the right of publicity, defamation, and copyright infringement or any fees for the use of such record media.

You understand that all photography, film, and/or recording will be done in reliance on this consent. If you do not agree to the foregoing, please do not enter the event premises.

**Taking photos or videotaping any exhibit booth, poster, or presenting research that is not your own, is strictly prohibited.**

**If you have questions about the Code of Conduct, please contact [membership@bmes.org](mailto:membership@bmes.org).  
For sponsor and exhibitor questions, please contact [charity@bmes.org](mailto:charity@bmes.org).**