



The Biomechanics Initiative and the International Society of Biomechanics present

National Biomechanics Day Outreach For Women in Biomechanics

The Biomechanics Initiative, the official sponsor of National Biomechanics Day and the International Society of Biomechanics will empower women biomechanists to create their NBD events centered on promoting women in Biomechanics.

The program will provide funds for conducting an NBD 2021 event, and registration and travel to the ISB 2021 conference in Stockholm, Sweden (may be partial funding). Wow!

Competitive application process: The application will be limited to four pages including:

- (1) Applicant's name, affiliation, and mentor's name.
- (2) Personal statement: why are you interested in hosting an NBD event aimed at diversifying biomechanics?
- (3) University people involved: list participating faculty and students (please add your collaborators' names; can be changed later)
- (4) Target population: school or community group with at least 50% female students/participants (minimum 15 students/participants)
- (5) Description of NBD event: briefly describe your planned activities
- (6) Description of your biomechanics research for support
- (7) Budget: list items and costs
- (8) Additional information pertinent to your situation

Eligibility requirements: Woman Biomechanics student enrolled in M.S. or Ph.D. program in any university worldwide (all Biomechanics students can be members of your NBD team). Willingness to hold an NBD 2021 event ensuring at least half female high school students. Our preference is to fund one application per institution. We can provide guidance for holding an NBD event.

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Please submit application in one pdf file to: NBD.National.Biomechanics.Day@gmail.com with subject: NBD & ISB Women in Biomechanics. You may also submit preliminary questions to this address.

Five awards will be distributed, each with:

- (1) \$1,000 to support NBD event expenses (e.g. producing promotional materials, lab supplies for instruments, school/community group travel costs, food, other (note: funds cannot be used for stipends), ISB registration, and travel to Stockholm. An example approximation is \$300 for NBD, \$200 for student ISB registration, \$500 for travel support. Award funds will be sent to appropriate university office.
- (2) Recognition through social media, professional societies, TBI and ISB websites
- (3) (Possible) Participate in Outreach Education session with presentation at ISB 2021 (depends on ISB 2021 program and abstract submissions)

Notes:

- (1) **Application deadline Jan 31, 2021. Award Decision: Feb 15, 2021.**
- (2) NBD will provide guidance and assistance on how to develop and host the NBD event. (See NBD Guidelines document through this link:

[NBD Suggestions and Ideas](#)

on the home page of [The Biomechanics Initiative](#) website.

- (3) **Virtual events are acceptable as NBD entries** in the light of extended pandemic requirements including social distancing and participant limits to organized events.

Examples of virtual events could include but are not limited to:

- a) A video tour of your Biomechanics Lab with demonstrations of various instruments and procedures. For example, show 3D motion capture and then the results of the analysis on V3D.
- b) Describe a series of Biomechanics experiments that high school students can do at home or in school. For example, many students have phones with accelerometers and other sensors and video cameras that can be used to measure human or animal movements. Perhaps these can then be analyzed with Kinovea or similar software.

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National Biomechanics Day Believes that...

 <p>SCIENCE is real</p>	 <p>LOVE is love</p>	 <p>BLACK LIVES matter</p>
 <p>FEMINISM is for everyone</p>	 <p>BIOMECHANICS is the breakthrough science of the 21st century</p>	 <p>IMMIGRANTS are welcome</p>

**National Biomechanics Day April 7, 2021**

