

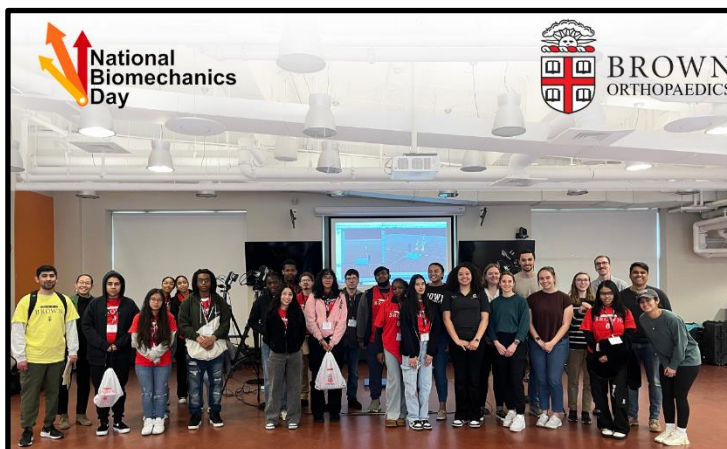


Hello, NBD Friends and Fans Worldwide,

[National Biomechanics Day 2024](#) celebrated our Breakthrough Science for the ninth¹ consecutive year on five continents around the world. Again, over 4,100 high school students, along with some other grades, participated in 62 NBD celebrations. These totals raise our participants nearly 45,000 students and 620 total NBDs! You know, that's gotta mean something. One thing it might mean, and we're just taking a guess here, is that every biomechanist in both eastern and western hemispheres along with those in the northern and southern hemispheres should hold an NBD 2025 celebration. Imagine how many smiles there would be in Biomechanics Labs!

Let's take a peek at a few NBDs at...

Brown University and Northwestern University...



...at Ithaca College and at University of Pennsylvania...



We have some outstanding videos including these two favorites this year:

[Universidad Nacional Autónoma de México](#)

[Cal State East Bay](#)

The UNAM event was directed by María Daniela Trejo Méndez, NBD Grant recipient and Raúl Gerardo Paredes Guerrero, her faculty advisor. Cal State NBD was organized by Vanessa Yingling and Michael Rowley, NBD stalwarts!

NBD successfully held its grant programs for the fourth consecutive year. We received 42 submissions from 33 countries and funded 22 applications from seven nations with \$19,970. These programs supported women, Black, and LatinX students as well as biomechanists working in the area of disability. NBD has now provided ~\$70,000 to support the growth and development of our science. You know, that's gotta mean something. One thing it might mean, and we're just taking a guess here, is...



...**Biomechanics is for Everyone!!** We give special acknowledgement to [Bertec, Inc.](#), [American Society of Biomechanics](#), and [Books of Discovery](#) for their direct support of these programs.

NBD also partnered with Novel for the fifth (I think) consecutive year in the, "Move With Force," loadsol contest. Students from Auburn University along with Dr. Jaimie Roper were recipients of three pairs of loadsol™ pro inserts for their NBD-based event titled, "What's the dill with pickleball." They pickled with 87 high school students to discover the biomechanical dill with PB. Thanks to Maria Pasquale and Susan Diekrager for their never-ending NBD-thusiasm.

NBD 2024 pickel-ing at the University of Auburn:



As always, we cannot accomplish our goals without the support of the scientific and commercial foundations of biomechanics, [our many sponsors](#), all of whom broadly support our science in so many ways.

With your continued support, with the support of our sponsors, and with new biomechanists joining NBD each year, we strive to make Biomechanics the Breakthrough Science of the 21st Century!!!! (Psst, maybe even of 2025)

Biomechanics, where science meets fun!

Sincerely,

Paul DeVita, Lisa MacFadden and Felipe Carpes, Executive Board of The Biomechanics Initiative, Inc

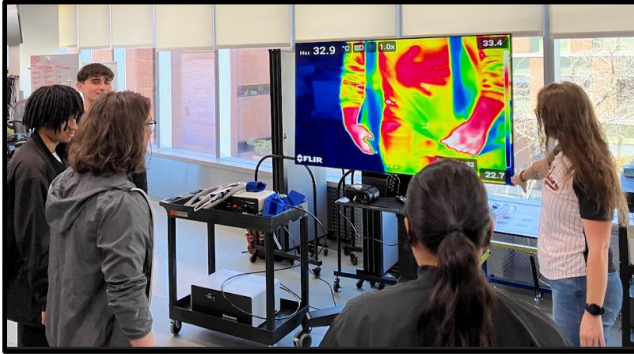
¹ Two NBD celebrations were held in early 2020 just prior to shutting down for the COVID pandemic.

Here are a few more NBD 2024 wonders at...

Center For The Intrepid in San Antonio, Elon University, North Carolina State University, and at Boston University.



NBDs at... Texas A&M, Clemson University, University of Utah, Virginia Tech, Liverpool John Moores University, University of Scranton, California State University East Bay (their event is named, "Power of the People")



Of course, we have a billion more photos in our [Archives](#) and here is our [Around The World](#) slide show for 2024.

NBD, thousands of kids having fun in Biomechanics Labs. You know, that's gotta mean something.