



MEDIA ALERT | For Immediate Release
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Carnegie Science Center Adds Motion Lab to Highmark SportsWorks®

Use science to improve your game and motions in this new permanent exhibit.



Photos available for download [here](#).

PITTSBURGH, April 7, 2023 – Starting today, visitors at Carnegie Science Center can visit Motion Lab, a new permanent exhibit, in Highmark SportsWorks®.

In Motion Lab, visitors are prompted to practice and perform various sports-related activities while a high-speed camera records their actions at about 200-250 frames per second. After recording, visitors can head to one of three playback stations to review their motions frame-by-frame to make improvements through science.

“Motion Lab furthers the mission of Highmark SportsWorks to inspire learning and curiosity by uniting the experience of sports for every age level with the laws of science,” Jason Brown,

Henry Buhl, Jr., Director of Carnegie Science Center said. "The exhibit gets visitors moving and thinking about physics, anatomy, biology, and more."

Motion Lab becomes your field, court, track, or gym. Visitors can create their own movement to test or can try out actions the exhibit is set for, such as:

- Throwing a baseball
- Pitching a baseball
- Throwing a football
- Punting a football
- Kicking a soccer ball
- Serving a volleyball
- Shooting a basketball
- Cartwheel
- Jumping rope
- Twirling like a ballerina

"Highmark believes engaging in meaningful partnerships with organizations like SportsWorks and Motion Lab, encourages better overall health and wellness for individuals, families and communities", said Kenya Boswell, Highmark Health Senior Vice President Community Affairs. "These partnerships demonstrate Highmark Bright Blue Futures in action, our corporate giving and community involvement program designed to ensure healthier, brighter, stronger futures for all."

In addition to playing back video, visitors can choose to compare their actions to a professional athlete.

Pittsburgh Ballet Theatre Soloist Tommie Lin O'Hanlon is the first Pittsburgh athlete to be featured in Motion Lab. Pittsburgh Ballet Theatre has been Pittsburgh's premier professional ballet company since 1969.

Tommie joined Pittsburgh Ballet Theatre (PBT) in 2018 from the PBT School Graduate Program. She also trained with Miami City Ballet School and Ballet Academy of Pittsburgh and completed summer intensives at the School of American Ballet and PBT School. She is a Pittsburgh native and was named one of Dance Magazine's "25 to Watch" in 2020.

The Science Museum of Minnesota designed and fabricated Motion Lab.

Highmark SportsWorks® is adjacent to the Science Center's main building and contains interactive exhibits on the physics of sports, health and fitness, and sports challenges. SportsWorks is included with general admission to Carnegie Science Center.

Visit [CarnegieScienceCenter.org](https://www.carnegiesciencecenter.org) to learn more and purchase tickets.

Carnegie Science Center

Carnegie Science Center is dedicated to inspiring learning and curiosity by connecting science and technology with everyday life. By making science both relevant and fun, the Science Center's goal is to increase science literacy in the region and motivate young people to seek careers in science and technology. One of the four Carnegie Museums of Pittsburgh, the Science Center is Pittsburgh's premier science exploration destination, reaching more than 700,000 people annually through its hands-on exhibits, camps, classes, and off-site education programs.

Accessibility: Features for All

Carnegie Science Center welcomes all visitors. We work to assist visitors with disabilities in obtaining reasonable and appropriate accommodations, and in supporting equal access to services, programs, and activities. We welcome visitors in wheelchairs on the deck of our USS Requin (SS 481) submarine. Below-deck visits require full mobility. Hearing assistance devices are available for The Rangos Giant Cinema. Please ask when you buy your ticket.

Please note that requests for accommodations should be made at least two weeks prior to your visit. For specific questions about wheelchairs, strollers, or other programmatic or equipment needs, see the ticket counter located on the first floor of the main building or contact Customer Service at 412.237.1641 or info@carnegiesciencecenter.org. Please contact Carnegie Museums of Pittsburgh's Accessibility Coordinator with concerns regarding accessibility for visitors with disabilities at the museums. On weekdays, call 412.622.6578 or email accessibility@carnegiemuseums.org.

About Carnegie Museums of Pittsburgh

Founded by Andrew Carnegie in 1895, [Carnegie Museums of Pittsburgh](#) is a family of four dynamic, distinctive museums: Carnegie Museum of Art, Carnegie Museum of Natural History, Carnegie Science Center, and The Andy Warhol Museum. The museums reach 1.5 million people a year through exhibitions, educational programs, outreach activities, and special events.

About Pittsburgh Ballet Theatre

Pittsburgh Ballet Theatre has been Pittsburgh's premier professional ballet company since 1969. Today, PBT is a nationally recognized ballet company of 30 professional dancers, a training institution for over 1,200 students of all ages, and an incubator for education and accessibility programs in classrooms, libraries, and community centers throughout the region. The company performs a wide-ranging repertoire of classical ballets, contemporary masterworks, and new commissions in more than 50 performances annually at home and on tour.

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