

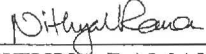
## MOTION

Dr. Barry Barish graduated from John Marshall High School in the Los Feliz neighborhood in 1954 after having attended both Micheltorena Elementary and Thomas Starr King Middle School, all within the Los Angeles Unified School District. Dr. Barish would then go on to earn his Bachelor's in physics and Ph.D. in experimental particle physics at the University of California, Berkeley before returning to Southern California to join the California Institute of Technology's (Caltech) faculty in 1963.

In Dr. Barish's work at Caltech, he has served as the principal investigator and director of the Laser Interferometer Gravitational-wave Observatory (LIGO), which was built to detect gravitational waves – ripples in space and time that had been predicted by Albert Einstein in his theory of general relativity, though Einstein had speculated that these waves were too weak to ever be detectable. Under Barish's leadership, in 2015 LIGO made the world's first-ever detections of gravitational waves. In 2017, Dr. Barish, along with his collaborators and colleagues Rainer Weiss and Kip S. Thorne, was awarded the Nobel Prize in Physics for his work with LIGO and observation of gravitational waves.

Today, Dr. Barish is a professor emeritus at Caltech and distinguished professor of physics and astronomy at the University of California, Riverside. In addition to his work in science and academia, Dr. Barish has returned to his high school alma mater on multiple occasions to speak with students and inspire them to pursue their academic passions. In recognition of Dr. Barish's accomplishments and as a notable graduate of John Marshall High School, it is appropriate that the City name the intersection of Aloha Street and St. George Street, adjacent to John Marshall High School, as "Dr. Barry Barish Square."

I THEREFORE MOVE that the intersection at Aloha Street and St. George Street be named as "**Dr. Barry Barish Square**" and that the Department of Transportation be directed to erect permanent ceremonial sign(s) to this effect at this location.

PRESENTED BY:   
NITHYA RAMAN  
Councilmember, 4th District

SECONDED BY: 

FEB 01 2022

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