



IN HONOR OF DR. CHARLES H. TOWNES

**WHEREAS,** Dr. Charles Hard Townes, American Nobel Prize-winning physicist and educator born in 1915, was appointed University Professor at the University of California in 1967, where he continues his work today; and

**WHEREAS,** Charles H. Townes was awarded the 1964 Nobel Prize in Physics for “fundamental work in the field of quantum electronics, which has led to the construction of oscillators and amplifiers based on the maser-laser principle;” and

**WHEREAS,** Charles H. Townes has had great impact on the sciences and the world with pioneering contributions to masers and lasers, which led to the development of the field of quantum electronics; and

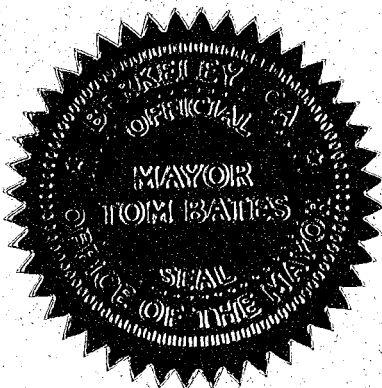
**WHEREAS,** Charles H. Townes, who in addition to earning a Ph.D. from the California Institute of Technology in 1939 with a thesis on isotope separation and nuclear spins, has received 31 honorary degrees from various universities; and

**WHEREAS,** Charles H. Townes is celebrating his 99<sup>th</sup> birthday on July 28, 2014 with his wife, Frances, and their four daughters;

**NOW, THEREFORE, BE IT RESOLVED THAT I, TOM BATES, Mayor of the City of Berkeley do hereby proclaim Monday, July 28, 2014 as**

**Charles H. Townes Day**

in the City of Berkeley in recognition for his many contributions to the Berkeley community, higher education, research, and the sciences.



*Tom Bates*  
Tom Bates  
Mayor

July 28, 2014