



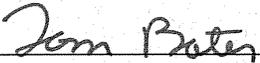
City of Berkeley Proclamation

IN HONOR OF DR. GEORGE SMOOT

- WHEREAS,** In 1974, Dr. George Smoot, of Lawrence Berkeley National Laboratory began a search for tiny temperature fluctuations in the cosmic microwave background radiation; and
- WHEREAS,** In 1989, NASA launched the Cosmic Background Explorer (COBE) satellite with the Smoot Differential Microwave Radiometers to measure and map the cosmic microwave background; and
- WHEREAS,** George Smoot and NASA's John Mather research teams produced maps of the entire sky which showed "hot" and "cold" regions with temperature differences of a hundred-thousandth of a degree; and
- WHEREAS,** On May 1, 1992, at a meeting of the American Physical Society, George Smoot made the announcement that these temperature fluctuations – produced when the universe was smaller than a single proton – were consistent with Big Bang predictions and are believed to be the primordial seeds from which our present universe grew; and
- WHEREAS,** Throughout his career as a scientist at Lawrence Berkeley National Laboratory and a physics professor at UC Berkeley, Dr. George Smoot has mentored graduate and undergraduate students participating in research internships; and
- WHEREAS,** By working with high school physics teachers to improve curriculum and instruction, he has led the development of *The Universe Adventure*, a web based resource for students and for public understanding of modern cosmology, (www.universeadventure.org/).
- NOW, THEREFORE BE IT RESOLVED,** that I, Mayor Tom Bates on behalf of the City of Berkeley do hereby celebrate and commend Dr. George Smoot, for the award of the 2006 Nobel Prize in Physics for his discoveries supporting the Big Bang theory and declare December 10, 2006,

GEORGE SMOOT DAY

in the City of Berkeley on which date King Karl XVI Gustaf of Sweden will confer the Nobel Prize medal on Dr. Smoot.


Tom Bates
Mayor



October 24, 2006