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SENATE MEMORIAL 64

51ST LEGISLATURE - STATE OF NEW MEXICO - FIRST SESSION, 2013

INTRODUCED BY

Pete Campos

A MEMORIAL

RECOGNIZING THE ACHIEVEMENTS OF DR. JOE MCCAFFREY, JR., AND
DECLARING FEBRUARY 27, 2013 "DR. JOE MCCAFFREY, JR., DAY" IN
THE SENATE.

WHEREAS, Dr. Joe McCaffrey, Jr., the descendant of early
pioneers to New Mexico, was born and raised in Albuquerque; and

WHEREAS, Dr. McCaffrey graduated from St. Mary's high
school and received a bachelor of science degree and a master
of science degree from New Mexico highlands university and a
doctorate degree from Colorado state university, where he was a
Hewlett-Packard fellow; and

WHEREAS, he spent thirty years at the naval research
laboratory as a computational scientist and as a leader of one
of its most productive scientific groups; and

WHEREAS, that group published groundbreaking papers on the
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1 topics of el nino, tide and storm surge, ocean currents and
2 arctic sea ice, and one of those papers was featured on the
3 cover of *Nature* magazine and was listed as one of the year's
4 top science news stories by *Science News* and *Discover Magazine*;
5 and

6 WHEREAS, Dr. McCaffrey co-convened the largest session of
7 the American geophysical union's 1994 ocean sciences meeting;
8 and

9 WHEREAS, he held many leadership roles in the institute of
10 electrical and electronics engineers and the association for
11 computing machinery; and

12 WHEREAS, he was selected from among many well-qualified
13 applicants to be a congressional fellow in the office of
14 Senator Dan Quayle and to attend the naval war college, where
15 he conducted a highly classified study on space warfare; and

16 WHEREAS, he wrote the definitive white paper on the
17 preservation of, and was awarded the navy meritorious civilian
18 service award for his efforts to preserve, the global
19 positioning system; and

20 WHEREAS, he served in the office of the secretary of
21 defense as the computational technology area leader for
22 climate, weather and ocean forecasting and simulation and on
23 the source-selection evaluation board for four supercomputer
24 systems; and

25 WHEREAS, after retiring from the naval research

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1 laboratory, Dr. McCaffrey continued work as the associate
2 director of the engineering research center and a professor of
3 computational engineering at Mississippi state university and
4 as a senior research scientist and interim director of the
5 center of higher learning at the Stennis space center; and

6 WHEREAS, in 2002, he was named a distinguished graduate of
7 New Mexico highlands university; and

8 WHEREAS, he currently lives in Las Vegas, New Mexico,
9 where he teaches physics part time and serves on the board of
10 the New Mexico highlands university foundation and the Las
11 Vegas arts council; and

12 WHEREAS, Dr. McCaffrey is a prize-winning outdoor
13 photographer and an avid runner who has competed in the United
14 States senior Olympics and in the Boston marathon seven times;

15 NOW, THEREFORE, BE IT RESOLVED BY THE SENATE OF THE STATE
16 OF NEW MEXICO that Dr. Joe McCaffrey, Jr., be recognized for
17 his many accomplishments and contributions to the scientific
18 community; and

19 BE IT FURTHER RESOLVED that Wednesday, February 27, 2013 be
20 declared "Dr. Joe McCaffrey, Jr., Day" in the senate; and

21 BE IT FURTHER RESOLVED that a copy of this memorial be
22 transmitted to Dr. Joe McCaffrey, Jr.