

# Senate Resolution 110 - Introduced

## SENATE RESOLUTION NO. 110

BY BOWMAN

1 A Resolution celebrating the 150th birthday of  
2 Robert A. Millikan by recognizing his significant  
3 contributions to the field of physics.

4 WHEREAS, Dr. Millikan was born on March 22, 1868, in  
5 Morrison, Illinois; and

6 WHEREAS, Dr. Millikan's family moved to McGregor,  
7 Iowa, in 1873 and Maquoketa, Iowa, in 1875; and

8 WHEREAS, Dr. Millikan graduated from Maquoketa High  
9 School in 1885; and

10 WHEREAS, Dr. Millikan considered growing up in  
11 Maquoketa to play a major role in his life, stating  
12 in his autobiography, "I regarded Maquoketa as pretty  
13 nearly an ideal town in which to be brought up"; and

14 WHEREAS, Dr. Millikan went on to study physics at  
15 Columbia University and the Universities of Berlin and  
16 Gottingen in Germany; and

17 WHEREAS, Dr. Millikan's experiments led to many  
18 important discoveries in the fields of electromagnetism  
19 and particle physics, including accurately determining  
20 the charge carried by an electron and proving  
21 that quantity to be constant, and verifying Albert  
22 Einstein's photoelectric equation while making the  
23 first direct photoelectric determination of Max  
24 Planck's constant " $h$ "; and

25 WHEREAS, Dr. Millikan won the Nobel Prize in Physics  
26 in 1923 "for his work on the elementary charge of  
27 electricity and on the photoelectric effect"; NOW  
28 THEREFORE,

1 BE IT RESOLVED BY THE SENATE, That the Senate  
2 commemorates the 150th birthday of Robert A. Millikan  
3 by celebrating his international recognition in the  
4 scientific community and the historical importance of  
5 his professional work.