

**Introduced by Senator Cannella**

February 17, 2015

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Senate Resolution No. 12—Relative to National Engineers Week.

- 1       WHEREAS, Engineers employ their scientific knowledge and  
2 analytical skills for the betterment of the United States; and  
3       WHEREAS, The mission of DiscoverE (formerly the National  
4 Engineers Week Foundation) is to sustain and grow a dynamic  
5 engineering profession through outreach, education, celebration,  
6 and volunteerism as needed to keep the United States a global  
7 leader in engineering and engineering education; and  
8       WHEREAS, The sponsors of National Engineers Week are  
9 working together to transform the engineering workforce through  
10 greater inclusion of women and underrepresented minorities; and  
11       WHEREAS, By engaging young students, parents, and educators  
12 in hands-on science, technology, engineering, and mathematics,  
13 engineers help them discover how they can make a meaningful  
14 difference in the world; and  
15       WHEREAS, The partnership between engineers and teachers  
16 inspires future generations of engineering and technology talent;  
17 and  
18       WHEREAS, Tens of thousands of engineers and engineering  
19 students will serve their communities not only through their work  
20 but, at this time of year, by reaching into hundreds of local  
21 communities; and  
22       WHEREAS, Engineers have helped meet the major global  
23 challenges of our time, including providing state-of-the-art  
24 transportation and information technology infrastructures,  
25 enhancing national security, and developing the clean energy

1 technologies needed to power the people of the United States into  
2 the future; and

3 WHEREAS, An overwhelming number of people in the United  
4 States (87 percent) find that engineering is the profession that most  
5 frequently contributes to positive innovations and inventions in  
6 society, according to a survey conducted by TE Connectivity of  
7 impressions of engineering; and

8 WHEREAS, Engineers are a crucial link in research,  
9 development, and the transformation of scientific discoveries into  
10 useful products and jobs, as the people of the United States look  
11 more than ever to engineers and their imagination, knowledge,  
12 and analytical skills to meet the challenges of the future; and

13 WHEREAS, The National Science Board’s “Science and  
14 Engineering Indicators 2010, 2012, and 2014” shows that while  
15 the number of students obtaining engineering degrees in the United  
16 States has reached an all-time high, the rates for women and  
17 underrepresented minorities do not reflect national demographics,  
18 and women remain underrepresented in the science and engineering  
19 workforce, although to a lesser degree than in the past; and

20 WHEREAS, A 2012 survey by the Intel Corporation indicates  
21 that United States teenagers are more likely to consider a degree  
22 in engineering after learning about what engineers do; and

23 WHEREAS, Only four percent of the nation’s workforce is  
24 composed of scientists and engineers, this group disproportionately  
25 creates jobs for the other 96 percent; and

26 WHEREAS, DiscoverE has grown into a formal coalition of  
27 more than 100 professional societies, major corporations, and  
28 government agencies that are dedicated to ensuring a diverse and  
29 well-educated engineering workforce, promoting literacy in  
30 science, technology, engineering, and mathematics, and raising  
31 public awareness and appreciation of the contributions of engineers  
32 to society; and

33 WHEREAS, National Engineers Week is celebrated during the  
34 week of George Washington’s birthday to honor the contributions  
35 that the first United States President, a military engineer and land  
36 surveyor, made to engineering; and

37 WHEREAS, February 22, 2015, to February 28, 2015, inclusive,  
38 has been designated as National Engineers Week by DiscoverE  
39 and the theme is, “Engineering New Horizons,” spotlighting all

1 the amazing things engineers do every day to make the world a  
2 better place; now, therefore, be it

3 *Resolved by the Senate of the State of California,* That the Senate  
4 hereby recognizes the week of February 22, 2015, to February 28,  
5 2015, inclusive, as National Engineers Week and acknowledges  
6 the services bestowed upon the citizens of California by engineers;  
7 and be it further

8 *Resolved,* That the Secretary of the Senate transmit copies of  
9 this resolution to the author for appropriate distribution.

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