

118TH CONGRESS
1ST SESSION

H. RES. 177

Supporting the goals and ideals of National Engineers Week.

IN THE HOUSE OF REPRESENTATIVES

FEBRUARY 27, 2023

Mr. TONKO (for himself, Mrs. TRAHAN, Ms. TITUS, Ms. TOKUDA, Mr. CARSON, Mr. FITZPATRICK, Mr. FOSTER, Mr. WESTERMAN, Ms. HOULAHAN, Ms. BLUNT ROCHESTER, Mr. CÁRDENAS, and Ms. SHERRILL) submitted the following resolution; which was referred to the Committee on Science, Space, and Technology, and in addition to the Committee on Education and the Workforce, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

RESOLUTION

Supporting the goals and ideals of National Engineers Week.

Whereas engineers employ their scientific knowledge and analytical skills for the betterment of the United States and for the protection of public health, safety, and welfare;

Whereas the mission of DiscoverE (formerly the National Engineers Week Foundation) is to sustain and grow a dynamic engineering profession through outreach, education, celebration, and volunteerism as needed to keep the United States a global leader in engineering and engineering education;

Whereas the sponsors of National Engineers Week are working together to transform the engineering workforce through greater inclusion of women and underrepresented communities in the science, technology, engineering, and mathematics (STEM) fields;

Whereas by engaging young students, parents, and educators in hands-on STEM activities, engineers help them discover how they can make a meaningful difference in their communities and around the world;

Whereas the partnership between engineers and teachers inspires future generations of engineering and technology talent;

Whereas tens of thousands of engineers and engineering students will serve their communities not only through their work but, at this time of year, by reaching into hundreds of local communities;

Whereas the perspective and technical expertise of engineers is vital to solving today's most pressing global challenges, including developing new technologies, infrastructure, national security, and environmental sustainability, and the professional engineer's commitment to high ethical standards is necessary for the protection of public health, safety, and welfare;

Whereas "science creates more opportunity for the next generation", according to the National Science Board's 2018 Science and Engineering Indicators;

Whereas engineers are a crucial link in the research, development, and transformation of scientific discoveries into new useful products and jobs, as the people of the United States look more than ever to engineers and their imagi-

nation, knowledge, and analytical skills to meet the challenges of the future;

Whereas the National Science Board’s Vision 2030 report shows that “[w]hile the number of people from underrepresented groups in the S&E workforce has grown over the past decade, much faster increases will be needed for the S&E workforce to be representative of the U.S. population in 2030”;

Whereas the National Science Board’s Vision 2030 report estimates “that the number of women must nearly double, Black or African Americans must more than double, and Hispanic or Latinos must triple the number that are in the 2020 U.S. S&E workforce”;

Whereas DiscoverE has grown into a formal coalition of more than 100 professional societies, major corporations, and government agencies that serves as a hub of engineering outreach dedicated to ensuring a diverse and well-educated engineering workforce, promoting literacy in science, technology, engineering, and mathematics, and raising public awareness and appreciation of the contributions of engineers to society;

Whereas Congress has recognized National Engineers Week every year since 1951; and

Whereas February 19, 2023, to February 25, 2023, has been designated as “Engineers Week” by DiscoverE, and the theme is “Creating the Future”, spotlighting the vital role in innovating solutions to global challenges that impact future generations, by working together to develop new technologies, products, and opportunities, engineers create new possibilities that make the world a safer and better place: Now, therefore, be it

1 *Resolved*, That the House of Representatives—

2 (1) supports the goals and ideals of National
3 Engineers Week to increase understanding of and
4 interest in engineering and technology careers and to
5 promote technological literacy and engineering edu-
6 cation;

7 (2) recognizes that engineering education is a
8 critical component of STEM (science, technology,
9 engineering, and mathematics) education and essen-
10 tial to improving the United States educational sys-
11 tem and economic prosperity; and

12 (3) ensures that technological solutions de-
13 signed by the engineering community can be ad-
14 vanced through research, development, standardiza-
15 tion, and innovation.

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