

Assembly Concurrent Resolution No. 189

RESOLUTION CHAPTER 130

Assembly Concurrent Resolution No. 189—Relative to Robotics Technology Day.

[Filed with Secretary of State August 16, 2016.]

LEGISLATIVE COUNSEL'S DIGEST

ACR 189, Patterson. Robotics Technology Day.

This measure would declare June 27, 2016, as Robotics Technology Day.

WHEREAS, Robotics is rapidly proving to be one of the most effective, compelling, and engaging means for teaching and reinforcing fundamental science, technology, engineering, and mathematics (STEM) concepts as well as inspiring the state's youth to pursue STEM-related careers, thereby helping to create a highly skilled, 21st century American workforce; and

WHEREAS, Robotics is part of the FIRST program, which stands for For Inspiration and Recognition of Science and Technology. FIRST fosters an environment set on STEM-based careers. The mission of FIRST is to inspire young people to be science and technology leaders by engaging them in exciting mentor-based programs that build science, engineering, and technology skills that inspire innovation and foster well-rounded life capabilities, including self-confidence, communication, and leadership; and

WHEREAS, The emerging market for service robotics in various sectors, including health care, national defense, homeland security, energy, manufacturing, logistics, transportation, agriculture, education, consumer goods, and others, is expected to grow at a compound annual growth rate of nearly 20 percent over the next few years to become a worldwide \$27 billion industry; and

WHEREAS, Robotics technology holds tremendous potential for reducing the cost of health care delivery; stimulating the discovery and development of new procedures and treatments for a wide variety of diseases and disorders; improving the standard and accessibility of care; providing individuals with disabilities, especially injured veterans, with greater independence and dignity; and enhancing overall patient health outcomes; and

WHEREAS, Robotics technology is proving essential to our national defense and homeland security by enabling the ongoing development and fielding of unmanned air, ground, and maritime systems that today help keep our nation's war fighters and protectors out of harm's way and, in the long run, will serve as a highly effective force multiplier; and

WHEREAS, Robotics is a key transformative technology that can revolutionize American manufacturing by enabling small- and mid-sized

companies to cost-effectively combine highly skilled workers and highly adaptable, precise, and reliable equipment to create and make high-value products in high-stakes industries; and

WHEREAS, There is a strong need to recognize America's leadership in robotics technology; educate the public on robotics technology's broad potential, growing importance, and future impact on American society; underscore the need for increased investment in robotics technology research and development; and inspire the nation's youth to pursue careers in robotics and other STEM-related fields; now, therefore, be it

Resolved by the Assembly of the State of California, the Senate thereof concurring, That the Legislature hereby declares June 27, 2016, as Robotics Technology Day; and be it further

Resolved, That the Chief Clerk of the Assembly transmit copies of this resolution to the author for appropriate distribution.