

AMENDED IN ASSEMBLY JUNE 27, 2016

AMENDED IN ASSEMBLY JUNE 9, 2016

CALIFORNIA LEGISLATURE—2015–16 REGULAR SESSION

Assembly Concurrent Resolution

No. 189

Introduced by Assembly Member Patterson

(Coauthors: Assembly Members Achadjian, Alejo, Travis Allen, Arambula, Baker, Bigelow, Bloom, Bonilla, Bonta, Brown, Burke, Calderon, Campos, Chang, Chau, Chávez, Chiu, Chu, Cooley, Cooper, Dababneh, Dahle, Daly, Dodd, Eggman, Frazier, Beth Gaines, Gallagher, Cristina Garcia, Eduardo Garcia, Gatto, Gipson, Gomez, Gonzalez, Gordon, Gray, Grove, Hadley, Harper, Roger Hernández, Holden, Jones, Jones-Sawyer, Kim, Lackey, Levine, Linder, Lopez, Low, Maienschein, Mathis, Mayes, McCarty, Melendez, Mullin, Nazarian, Obernolte, O'Donnell, Olsen, Quirk, Ridley-Thomas, Rodriguez, Salas, Santiago, Steinorth, Mark Stone, Ting, Wagner, Waldron, Weber, Wilk, Williams, and Wood)

May 25, 2016

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

LEGISLATIVE COUNSEL'S DIGEST

ACR 189, as amended, Patterson. Robotics Technology Day.

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

Fiscal committee: no.

- 1 WHEREAS, Robotics is rapidly proving to be one of the most
2 effective, compelling, and engaging means for teaching and

1 reinforcing fundamental science, technology, engineering, and
2 mathematics (STEM) concepts as well as inspiring the state's youth
3 to pursue STEM-related careers, thereby helping to create a highly
4 skilled, 21st century American workforce; and

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

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

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

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

33 WHEREAS, Robotics is a key transformative technology that
34 can revolutionize American manufacturing by enabling small- and
35 mid-sized companies to cost-effectively combine highly skilled
36 workers and highly adaptable, precise, and reliable equipment to
37 create and make high-value products in high-stakes industries; and

38 WHEREAS, There is a strong need to recognize America's
39 leadership in robotics technology; educate the public on robotics
40 technology's broad potential, growing importance, and future

1 impact on American society; underscore the need for increased
2 investment in robotics technology research and development; and
3 inspire the nation's youth to pursue careers in robotics and other
4 STEM-related fields; now, therefore, be it

5 *Resolved by the Assembly of the State of California, the Senate*
6 *thereof concurring*, That the Legislature hereby declares June 27,
7 2016, as Robotics Technology Day; and be it further

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

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