

MAR 08 2007

SENATE CONCURRENT RESOLUTION

REQUESTING THE UNIVERSITY OF HAWAII TO CONDUCT A FEASIBILITY
STUDY ON HAVING A ROBOTICS EDUCATION COORDINATOR WITHIN THE
UNIVERSITY.

1 WHEREAS, it is desirable for the State to promote
2 technology within the State; and

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4 WHEREAS, robotics engineering is a desirable industry
5 within the State; and

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7 WHEREAS, robotics education provides a vehicle to engage
8 students in the meaningful application of science, technology,
9 engineering, and mathematics, while also helping and challenging
10 them to learn to design and develop original solutions for each
11 problem presented; and

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13 WHEREAS, a robotics-based educational curriculum has
14 numerous applications in a broad array of subject areas
15 including agriculture, alternative or renewable energy,
16 aquaculture, astronomy, biology, communications, computer
17 sciences, environmental studies, geography, geology, and
18 chemistry; and

19
20 WHEREAS, six Hawaii high schools have been competing in and
21 have won regional and national recognition for the students'
22 work at the For Inspiration and Recognition of Technology
23 robotics tournaments held each spring at several regional and
24 national tournaments; and

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26 WHEREAS, twenty-three Hawaii middle and high schools
27 competed in March 2004 in the first Hawaii Botball Robotics
28 Tournament, which was one of twelve regional tournaments held
29 nationwide and was sponsored by the Hawaii Space Grant
30 Consortium, College of Engineering of the University of Hawaii,
31 Hawaii Convention Center, National Aeronautics and Space



1 Administration, Robotics, and Simulation Division, KISS
2 Institute for Practical Robotics, and Hawaiian Electric Company;
3 and
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5 WHEREAS, robotics education programs can catalyze student
6 interest during elementary and secondary school and lead
7 students to seek higher education to pursue a variety of
8 technology and engineering careers; now, therefore,
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10 BE IT RESOLVED by the Senate of the Twenty-fourth
11 Legislature of the State of Hawaii, Regular Session of 2007, the
12 House of Representatives concurring, that the University of
13 Hawaii is respectfully requested to report to the Legislature on
14 the feasibility of having a paid robotics education coordinator
15 within the University of Hawaii to coordinate robotics education
16 among the University, Department of Education, private schools,
17 and other agencies and organizations in the State; and
18

19 BE IT FURTHER RESOLVED that certified copies of this
20 Concurrent Resolution be transmitted to the President and the
21 Chairperson of the Board of Regents of the University of Hawaii,
22 the Chairperson of the Board of Education, the Superintendent of
23 Education, and the President of the Hawaii Association of
24 Independent Schools.
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OFFERED BY:

Will Enos
Clemente & Michikawa
Anne Mercedes K.
Francine Q. Suomy
John L. C.
Carol Fuh Amey
Julia
Therese Chun & Akland
Mike Hubbard
Corey

Randy H. Bell
Norman Sakamoto
Amil Y. Lee
[Signature]
[Signature]
Russell [Signature]