

MAR 09 2018

SENATE CONCURRENT RESOLUTION

REQUESTING THE DEPARTMENT OF EDUCATION TO CONVENE A COMPUTER SCIENCE TASK FORCE TO REVIEW COMPUTER SCIENCE PROGRAMS IN HAWAII'S PUBLIC SCHOOLS AND TO SUPPORT, STRENGTHEN, AND ESTABLISH PARTNERSHIPS AMONG EDUCATIONAL INSTITUTIONS, INDUSTRIES, AND BUSINESSES TO IMPROVE COMPUTER SCIENCE PROGRAMS.

1 WHEREAS, computer related jobs are among the fastest
2 growing fields of employment in the United States; and
3

4 WHEREAS, according to the United States Bureau of Labor
5 Statistics Employment Projections for 2010 to 2020, more than
6 half of the anticipated science, technology, engineering, and
7 mathematics (STEM) jobs will be in computing; and
8

9 WHEREAS, approximately fifty percent of Americans rank
10 computer science as one of the most important subjects to study,
11 after reading and writing; and
12

13 WHEREAS, according to a joint report by Gallup and Google
14 entitled, "Searching for Computer Science: Access and Barriers
15 in U.S. K-12 Education", roughly ninety percent of parents
16 consider computer science as a good resource for their children
17 to learn in schools; and
18

19 WHEREAS, as of December 2016, there were 1,343 computer
20 jobs in Hawaii, and the average salary for these computing jobs
21 was \$78,414, exceeding the average state salary of \$47,740; and
22

23 WHEREAS, in 2014, only one hundred fifty-five students in
24 Hawaii graduated with a bachelor's degree in computer science;
25 and
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27 WHEREAS, students who learn computer science in high school
28 are six times more likely to pursue a post-secondary degree in
29 computer science; now, therefore,



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1
2 BE IT RESOLVED by the Senate of the Twenty-ninth
3 Legislature of the State of Hawaii, Regular Session of 2018, the
4 House of Representatives concurring, that the Department of
5 Education is requested to convene a computer science task force
6 to review computer science programs in Hawaii's public schools
7 and to support, strengthen, and establish partnerships among
8 educational institutions, industries, and businesses to improve
9 computer science programs; and

10
11 BE IT FURTHER RESOLVED that the Department of Education is
12 requested to convene the task force no later than September 1,
13 2018; and

14
15 BE IT FURTHER RESOLVED that the task force's review of
16 computer science programs is requested to focus on providing
17 recommendations on:

- 18
19 (1) Improving the availability, quality, and coordination
20 of computer science programs in public schools;
21
22 (2) How collaboration can be promoted between agencies and
23 stakeholders providing computer science programs and
24 professional development for computer science
25 educators in Hawaii;
26
27 (3) Ways to create and implement a common data management
28 system that links participation in computer science
29 programs to attendance, course marks, and college
30 entry;
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32 (4) Funding opportunities for computer science programs;
33 and
34
35 (5) Ways to assess the progress of the first three years
36 of a statewide computer science program initiative to
37 improve access, equity, course availability, funding,
38 and outcomes; and
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40 BE IT FURTHER RESOLVED that the Superintendent of
41 Education, or the Superintendent's designee, Chairperson of the
42 Senate Committee on Education, and Chairperson of the House of



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1 Representatives Committee on Education are requested to serve as
2 the co-chairpersons of the task force and to invite the
3 following individuals, at minimum, or their designees, as
4 members of the task force:

- 5
6 (1) One member of the Senate designated by the Chairperson
7 of the Senate Committee on Education;
- 8
9 (2) One member of the House of Representatives designated
10 by the Chairperson of the House of Representatives
11 Committee on Education;
- 12
13 (3) Assistant Superintendent of the Office of Curriculum,
14 Instruction, and Student Support, or the Assistant
15 Superintendent's designee;
- 16
17 (4) Assistant Superintendent of the Office of Information
18 Technology Services, or the Assistant Superintendent's
19 designee;
- 20
21 (5) Director of Business, Economic Development, and
22 Tourism, or the Director's designee;
- 23
24 (6) One elementary school principal;
- 25
26 (7) One middle or intermediate school principal;
- 27
28 (8) One high school principal;
- 29
30 (9) Executive Director of Hawaii P-20 Partnerships for
31 Education, or the Executive Director's designee;
- 32
33 (10) One elementary school teacher;
- 34
35 (11) One middle or intermediate school teacher;
- 36
37 (12) One high school teacher;
- 38
39 (13) One charter school representative;
- 40
41 (14) One representative of the Computer Science Teachers
42 Association - Hawaii Chapter;



- 1 (15) One representative of the Chamber of Commerce Hawaii;
- 2
- 3 (16) President of the University of Hawaii System, or the
- 4 President's designee;
- 5
- 6 (17) One representative of the Teacher Education
- 7 Coordinating Committee, established pursuant to
- 8 304A-1202, Hawaii Revised Statutes; and
- 9
- 10 (18) Two computer science workforce representatives; and
- 11

12 BE IT FURTHER RESOLVED that members of the computer science
13 task force serve without compensation; and

14
15 BE IT FURTHER RESOLVED that the computer science task force
16 be exempt from chapter 92, Hawaii Revised Statutes; provided
17 that the task force makes a good faith effort to make its
18 proceedings and work products accessible and available to the
19 general public in a manner consistent with the intent of chapter
20 92, Hawaii Revised Statutes; and

21
22 BE IT FURTHER RESOLVED that the Department of Education's
23 Office of Curriculum, Instruction, and Student Support is
24 requested to provide support to the computer science task force
25 and be responsible for addressing the findings and task force
26 recommendations; and

27
28 BE IT FURTHER RESOLVED that the Department of Education, on
29 behalf of the task force, is requested to submit the task
30 force's findings and recommendations, including any proposed
31 legislation, to this body no later than twenty days prior to the
32 convening of the Regular Session of 2019; and

33
34 BE IT FURTHER RESOLVED that certified copies of this
35 Concurrent Resolution be transmitted to the President of the
36 Senate; Speaker of the House of Representatives; Superintendent
37 of Education; Chairperson of the Board of Education; Director of
38 Business, Economic Development, and Tourism; President of the
39 University of Hawaii System; Executive Director of Hawaii P-20
40 Partnerships for Education; President of the Chamber of Commerce
41 Hawaii; Executive Director of the Hawaii State Public Charter
42 School Commission; President of the Computer Science Teachers

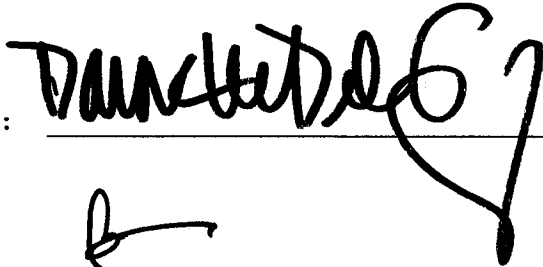


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1 Association - Hawaii Chapter; and Dean of the College of
2 Education of the University of Hawaii.

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OFFERED BY: _____



Michelle Sidani





STATE OF HAWAII
DEPARTMENT OF EDUCATION
P.O. BOX 2360
HONOLULU, HAWAII 96804

Date: 04/13/2018
Time: 02:00 PM
Location: 309
Committee: House Education

Department: Education

Person Testifying: Dr. Christina M. Kishimoto, Superintendent of Education

Title of Resolution: SCR 159 REQUESTING THE DEPARTMENT OF EDUCATION TO CONVENE A COMPUTER SCIENCE TASK FORCE TO REVIEW COMPUTER SCIENCE PROGRAMS IN HAWAII'S PUBLIC SCHOOLS AND TO SUPPORT, STRENGTHEN, AND ESTABLISH PARTNERSHIPS AMONG EDUCATIONAL INSTITUTIONS, INDUSTRIES, AND BUSINESSES TO IMPROVE COMPUTER SCIENCE PROGRAMS.

**Purpose of
Resolution:**

Department's Position:

The Department of Education strongly supports SCR 159. The Department looks forward to participating in the Computer Science Task Force and partnering with key members to provide a multitude of learning options for students and teachers. In addition, the Department is excited about the networking possibilities with industry, business, institutes of higher education, and government entities to provide venues for internships, apprenticeships, and externships.

Currently, the Department is developing a multi-year comprehensive action plan. This plan will identify K-12 curriculum, software, and technologies. To ensure equitable and expanded access to computer science learning opportunities for K-12 students by 2022, the Department is addressing the following eight deliverables:

- 1) Adoption of Computer Science Standards aligned to national efforts,
- 2) Development of single courses and pathway courses for maximum student access,
- 3) Identification of standards-based curricular resources,
- 4) Quality K-12 professional development in computer science including fellowships and externships for teachers,
- 5) A schedule of academic competitions in partnership with business, industry and government,
- 6) Expansion of regional and school-based student demonstrations,
- 7) Increased partnerships for access to meaningful internship and apprentice models, and
- 8) Improved career counseling and information sharing around current and emerging computer science related work and study opportunities in Hawaii.

Thank you for this opportunity to provide testimony on SCR 159.

The Hawaii State Department of Education seeks to advance the goals of the Strategic Plan which is focused on student success, staff success, and successful systems of support. This is achieved through targeted work around three impact strategies: school design, student voice, and teacher collaboration. Detailed information is available at www.hawaiipublicschools.org.

OFFICE OF INFORMATION PRACTICES

STATE OF HAWAII
NO. 1 CAPITOL DISTRICT BUILDING
250 SOUTH HOTEL STREET, SUITE 107
HONOLULU, HAWAII 96813
TELEPHONE: 808-586-1400 FAX: 808-586-1412
EMAIL: oip@hawaii.gov

To: House Committee on Education

From: Cheryl Kakazu Park, Director

Date: April 13, 2018, 2:00 p.m.
State Capitol, Conference Room 309

Re: Testimony on S.C.R. No. 159
Requesting the Department of Education to Convene a
Computer Science Task Force to review Computer Science
Programs in Hawaii's Public Schools and to Support,
Strengthen, and Establish Partnerships Among Educational
Institutions, Industries, and Businesses to Improve
Computer Science Programs

Thank you for the opportunity to submit testimony on this resolution, which would request the Department of Education to convene a Computer Science Task Force. The Office of Information Practices (OIP) takes no position on the proposed Task Force, but **is recommending deletion of an exemption to chapter 92, HRS, part I, which is the Sunshine Law. The proposed exemption is unnecessarily confusing and would be ineffective.**

OIP has previously held that a group created by resolution is generally not a "board" subject to the Sunshine Law. To be a "board," a group must be "created by constitution, statute, rule, or executive order," and creation by nonbinding resolution does not satisfy that requirement as it is not equivalent to creation by statute. OIP Op. Ltr. No. 08-02 at 3-7. Thus, it is unlikely that the

group called for by this resolution would be subject to the Sunshine Law in the first place.

Even for a “board” subject to the Sunshine Law, a resolution that the board was exempt from the Sunshine Law would be legally ineffective because a resolution, which is not legally binding, would not override statutory requirements such as those set out in the Sunshine Law.

Thus, the proposed Sunshine Law exemption is likely unnecessary, and would be ineffective. OIP recommends that to avoid confusion, this Committee should amend the resolution by deleting the proposed exemption (at page 4, lines 15-16).

Thank you for considering OIP’s testimony.

SCR-159

Submitted on: 4/12/2018 3:01:04 PM

Testimony for EDN on 4/13/2018 2:00:00 PM

LATE

Submitted By	Organization	Testifier Position	Present at Hearing
Melodie Aduja	Oahu County Committee on Legislative Priorities of the Democratic Party of Hawai'i	Support	No

Comments:

To the Honorable Justin H. Woodson, Chair; the Honorable Sam Satoru Kong, Vice-Chair and the Members of the Committee on Education:

Good afternoon. My name is Melodie Aduja. I serve as Chair of the Oahu County Committee ("OCC") on Legislative Priorities of the Democratic Party of Hawaii. Thank you for the opportunity to provide written testimony on **SCR92** regarding a computer science task force to review computer science programs in Hawaii's public schools.

The OCC on Legislative Priorities is in favor of **SCR92** and supports its adoption.

SCR92 is in alignment with the Platform of the Democratic Party of Hawai'i ("DPH"), 2016, as it requests the Department of Education to convene a computer science task force to review computer science programs in Hawaii's public schools and to support, strengthen, and establish partnerships among educational institutions, industries, and businesses to improve computer science programs; and requests the task force's review of computer science programs to focus on providing recommendations on: (1) improving the availability, quality, and coordination of computer science programs in public schools; (2) how collaboration can be promoted between agencies and stakeholders providing computer science programs and professional development for computer science educators in Hawaii; (3) ways to create and implement a common data management system that links participation in computer science programs to attendance, course marks, and college entry; (4) funding opportunities for computer science programs; and (5) ways to assess the progress of the first three years of a statewide computer science program initiative to improve access, equity, course availability, funding, and outcomes.

Specifically, the DPH Platform provides that "We believe that the future of our state as well as our country depends upon an educated and knowledgeable citizenry. We support the prioritization of our resources toward providing quality public education and library services to every student, regardless of learning capacity or ability to pay, in

an environment conducive to the learning process. These resources shall be made available at every level, from pre-school through higher education, including life-long learning. Educational facilities must be maintained, renovated and built to 21st century innovations so that our students learn in well-designed, safe environments." (Platform of the DPH, P. 5, Lines 296-302 (2016)).

We recognize that the responsible use and development of technology in all its manifestations offers immense potential for our community, government, including institutions of higher education and business sectors. We encourage synergistic research, development, commercialization and educational programs to promote technological proficiency and innovation. In particular we support Science, Technology, Engineering and Math (STEM) initiatives in our public, private and charter schools as these prepare the next generation to address the needs of our state. We also support programs that facilitate incubator, i.e. start-up, opportunities for new and promising technologies, and encourage the local retention of our intellectual resources. (Platform of the DPH, P. 3, Lines 149-156 (2016)).

Given that **SCR92** requests the Department of Education to convene a computer science task force to review computer science programs in Hawaii's public schools and to support, strengthen, and establish partnerships among educational institutions, industries, and businesses to improve computer science programs; and requests the task force's review of computer science programs to focus on providing recommendations on: (1) improving the availability, quality, and coordination of computer science programs in public schools; (2) how collaboration can be promoted between agencies and stakeholders providing computer science programs and professional development for computer science educators in Hawaii; (3) ways to create and implement a common data management system that links participation in computer science programs to attendance, course marks, and college entry; (4) funding opportunities for computer science programs; and (5) ways to assess the progress of the first three years of a statewide computer science program initiative to improve access, equity, course availability, funding, and outcomes.

Thank you very much for your kind consideration.
Sincerely yours,

/s/ Melodie Aduja
Melodie Aduja, Chair, OCC on Legislative Priorities
Email: legislativepriorities@gmail.com, Text/Tel.: (808) 258-8889

SCR-159

Submitted on: 4/13/2018 8:19:14 AM

Testimony for EDN on 4/13/2018 2:00:00 PM

LATE

Submitted By	Organization	Testifier Position	Present at Hearing
Christine Russo	Individual	Support	No

Comments: