

Date of Hearing: Tuesday, February 5, 2008

Committee: Senate Committee on Economic  
Development and Taxation

**WRITTEN TESTIMONY ONLY**

Board: Education

Person Testifying: Donna Ikeda, Chairperson, Board of Education

Title of Bill: S.B. No. 2860, Relating to a Technology Master Plan

Purpose of Bill: Establishes the High Technology Industry Task Force within the High Technology Development Corporation to develop a state master plan for high technology. Specifies that the task force members shall be appointed by the Governor, of which the Chairperson of the Board of the Education or the Chairperson's designee shall serve as a member of the task force. Appropriates funds for the task force to carry out the purposes specified in the bill.

Board's Position: Chairperson Fukunaga, Vice Chairperson Espero, and members of the Senate Committee on Economic Development and Taxation, thank you for the opportunity to provide written comments on S.B. No. 2860.

The Board recognizes the role and place that technology has in the education of students. Technology is changing the way students learn and teachers teach. Technology also has an important role in preparing students for future employment and other opportunities.

The Board supports the Department of Education's efforts to enhance student learning and instruction through technology, such as through online learning and distance learning. The use of technology in the public education system has led to greater transparency and access to student and school data, such as through DOE's eSIS (Electronic Student Information System), which includes the electronic student report cards, and eCSSS (Electronic Comprehensive Student Support System), which includes the Integrated Special Education Database, Comprehensive Student Support System, and Safe School Information System. Technology has also enhanced the management of student data, improved communications, and increased operational efficiencies in the public school system.

The Board has not taken a position on this bill at this time; however, we believe that education would have a significant part in and impact on the development of a state master plan for technology.

Thank you for the opportunity to provide written comments on S.B. No. 2860.

LATE TESTIMONY

# UNIVERSITY OF HAWAI'I SYSTEM LEGISLATIVE TESTIMONY



SB 2860  
RELATING TO A TECHNOLOGY MASTER PLAN

Testimony Presented Before the  
Senate Committee on Economic Development and  
Taxation

Tuesday, February 5, 2008, 1:15 p.m.

by  
James R. Gaines, Vice President for Research  
University of Hawaii System

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Tuesday, February 5, 2008, 1:15 p.m.  
State Capitol, Conference Room 224

**SB 2860      Relating to a Technology Master Plan**

Chair Fukunaga, Vice Chair Espero, and Members of the Committee:

The University of Hawaii supports SB 2860 which would create a high technology industry task force to develop a stakeholder-driven State Master Plan for High Technology, subject to automatic review and update of the plan every two years.

As the largest science and technology organization in the State of Hawaii, the University has a vested interest in the task force and its resulting State Master Plan for High Technology. Many of our Federal funding agencies are requiring evidence that their awards--especially in infrastructure and large, center-like awards--are not only meeting the needs of the nation, but also those of the state, as defined in an overarching science and technology plan.

In addition, the National Science Foundation, in their report *Cyberinfrastructure Vision for 21st Century Discovery* (<http://www.nsf.gov/pubs/2007/nsf0728/index.jsp>), communicates the importance of cyberinfrastructure (computing power, connectivity, and human resources) as the foundation of science and engineering in the future. As such, we propose that the bill be amended to:

- Specify the State's chief technology officer among the task force members.
- Require that the task force include the integration of cyberinfrastructure as a central theme in the execution of its tasks.

Thank you for the opportunity to testify on this bill.

Statement of  
**YUKA NAGASHIMA**  
**Executive Director & CEO**  
High Technology Development Corporation  
before the  
**SENATE COMMITTEE ON ECONOMIC DEVELOPMENT AND TAXATION**  
Tuesday February 5, 2008  
1:15 PM  
State Capitol, Conference Room 224

In consideration of  
**SB 2860 RELATING TO A TECHNOLOGY MASTER PLAN.**

Chair Fukunaga, Vice Chair Espero, and Members of the Senate Committee on Economic Development and Taxation.

The High Technology Development Corporation supports the concept of SB 2860 which envisions an essential and long term need to further strengthen and diversify our economy through *collaborative* and *comprehensive planning* and *implementation* for a vibrant and sustainable technology industry. There have been many good ideas introduced this legislative session that support the State's economic development goals. We note, however, that this appropriation was not included in the Executive's Supplemental Budget, and request that this appropriation not displace the priorities contained in that budget.

We offer these additional comments for your consideration: (a) the list of task force members includes positions of decision-makers; however, we recommend that the task force be committed to reaching out to the greater tech community as well as the economic development stakeholders to establish a "buy in" from the get go; (b) we suggest this task force consider the results from studies the State and private entities have already invested in or in the process of issuing (e.g., any findings and recommendations from the Hawaii Innovation Council created by Executive Order in 2007, the Broadband Task Force created by the legislature in 2007; and, (c) that we pay special attention to identify and embrace the variety of needs, challenges and opportunities presented by the diversity of both our tech sectors and the environment faced by all the major islands of this State.

Thank you for the opportunity to submit comments in support of SB 2860.



**SB2860: RELATING TO A TECHNOLOGY MASTER PLAN. Creates a high technology industry task force**

**DATE:** February 5, 2008  
1:15 p.m., Conference Room 224

**TO:** Committee on Economic Development and Taxation  
Senator Carol Fukunaga, Chair  
Senator Will Espero, Vice Chair

**FROM:** Lisa H. Gibson  
President  
Hawaii Science & Technology Council

**RE: Testimony In Support of the Intent of SB2860**

Aloha Chair, Vice Chair, and Members of the Committee:

The Hawaii Science & Technology Council (HiSciTech) supports the development of a technology master plan and therefore supports the purpose and intent of this bill. HiSciTech further supports a task force that is as broad and inclusionary as possible. HiSciTech also requests that should such a task force be formed, that a preliminary report be submitted in 2009 prior to the 2010 session. Accordingly, we offer for the joint committee the following amendments for consideration:

- We suggest that the language be amended as follows:
  - The task force shall consist of eighteen members to appointed as follows:
    - Three members appointed by the president of the senate.
    - Three members appointed by the speaker of the house;
- In addition to the list of organizations in the bill, we suggest that the bill specifically include those economic development and industry groups on the front lines of private sector lead economic development initiatives which are already collaborating on a number of cross-cutting issues.
  - A representative from the Economic Development boards (Hawaii, Maui, Kauai and Enterprise Honolulu on Oahu);
  - The Hawaii Science & Technology Council;
  - Other private sector affiliated industry groups including but not limited to the DoD Working Group, the Energy Policy Group, the Hawaii Crop Improvement Association, the Aquaculture Association, etc.
- Other Key government agencies including:
  - The Director of the Department of Taxation;



- The Director of the Workforce Development Board.
- The state's chief technology officer. The National Science Foundation in their report *Cyberinfrastructure Vision for 21st Century Discovery* (<http://www.nsf.gov/pubs/2007/nsf0728/index.jsp>) communicates the importance of cyberinfrastructure as the foundation of science and engineering in the future. We propose the bill specifically designate participation for the state's chief technology officer. In addition, we suggest that the language be amended to specifically include representation for the science and technology industry from the neighbor islands and an expert in workforce development.

*The Hawaii Science & Technology Council* is a private tax-exempt 501(c)6 industry association with a 28-member board. The council serves Hawaii companies engaged in ocean sciences, agricultural biotechnology, astronomy, defense aerospace, biotech/life sciences, information & communication technology, energy, environmental technologies, and creative media.

Thank you for the opportunity to testify on this important bill.

Lisa H. Gibson  
President