

NEIL ABERCROMBIE  
GOVERNOR



KATHRYN S. MATAYOSHI  
SUPERINTENDENT

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

**Date:** 03/12/2014

**Committee:** House Education

**Department:** Education

**Person Testifying:** Kathryn S. Matayoshi, Superintendent of Education

**Title of Bill:** SB 2424, SD2(sscr2777) RELATING TO AIR CONDITIONING IN PUBLIC SCHOOL FACILITIES.

**Purpose of Bill:** Requires the department of education and department of accounting and general services, in consultation with the Hawaii state energy office of the department of business, economic development, and tourism and the Hawaii natural energy institute of the University of Hawaii, to develop a cooling master strategy and comprehensive study for the public schools and to report findings to the 2015 regular session of the legislature. Authorizes general obligation bonds and appropriates funds for efficient air conditioned classroom demonstration projects. (SD2)

**Department's Position:**

The Department of Education supports this bill. This bill provides the DOE greater flexibility in developing a strategy for the cooling of classrooms. The DOE understands the very strong desire to have a comfortable learning environment, as well as the importance of addressing all facility needs. To achieve a balance, the DOE is looking into a variety of energy efficient cooling alternatives. One initiative is the Energy Efficiency and Sustainability Master Plan which will develop sustainability guidelines to address issues as this one.

Thank you for the opportunity to provide testimony on this bill.



**DEPARTMENT OF BUSINESS,  
ECONOMIC DEVELOPMENT & TOURISM**

**NEIL ABERCROMBIE**  
GOVERNOR

**RICHARD C. LIM**  
DIRECTOR

**MARY ALICE EVANS**  
DEPUTY DIRECTOR

No. 1 Capitol District Building, 250 South Hotel Street, 5th Floor, Honolulu, Hawaii 96813  
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804  
Web site: [www.hawaii.gov/dbedt](http://www.hawaii.gov/dbedt)

Telephone: (808) 586-2355  
Fax: (808) 586-2377

Statement of  
**RICHARD C. LIM**  
Director  
Department of Business, Economic Development, and Tourism  
before the  
**HOUSE COMMITTEE ON EDUCATION**

Wednesday, March 12, 2014  
2 p.m.  
State Capitol, Conference Room 309

in consideration of  
**SB 2424, SD2**  
**RELATING TO AIR CONDITIONING IN PUBLIC SCHOOL FACILITIES.**

Chair Takumi, Vice Chair Ohno, and Members of the Committee.

The Department of Business, Economic Development, and Tourism (DBEDT) supports S.B. 2424, SD2 requiring the Department of Education and Department of Accounting and General Services, in consultation with DBEDT and the Hawaii Natural Energy Institute of the University of Hawaii, to develop a cooling master strategy and comprehensive study for the public schools and to report findings to the 2015 regular session of the legislature assuming an adequate level of funding is provided and that its passage does not replace or adversely impact priorities indicated in our Executive Budget.

We estimate that this effort will require additional funds to carry out this measure. We believe that considerable work has already been done, including but not limited to, examining building baselines, identifying energy efficiency measures implemented and additional measures possible, benchmarking and auditing buildings and facilities, and identifying financing and repayment options given the energy savings to be achieved.

Thank you for the opportunity to provide this testimony.



1200 Ala Kapuna Street ♦ Honolulu, Hawaii 96819  
Tel: (808) 833-2711 ♦ Fax: (808) 839-7106 ♦ Web: www.hsta.org

TESTIMONY BEFORE THE HOUSE COMMITTEE  
ON EDUCATION

Wil Okabe  
President  
Joan Kamila Lewis  
Vice President  
Colleen Pasco  
Secretary-Treasurer  
Alvin Nagasako  
Executive Director

DATE: WEDNESDAY, MARCH 12, 2014

RE: S.B. 2424, SD2 - RELATING TO AIR CONDITIONING IN PUBLIC SCHOOL FACILITIES

PERSON TESTIFYING: WIL OKABE  
HAWAII STATE TEACHERS ASSOCIATION

The Honorable Chair Roy Takumi, and Members of the Committee:

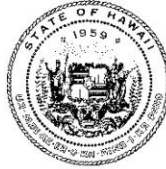
HSTA is the exclusive representative of more than 13,500 public and charter school teachers statewide. As the state affiliate, of the 3.2 million members of the National Education Association, HSTA believes that schools need air conditioning and that the condition of the schools physical plant impacts the health, safety, and welfare of students and staff members.

Our public schools classroom temperatures are hot. At times, the heat index inches close to 100 degrees during the summer, fall, and spring. Students and teachers who work in these schools try to keep cool without the benefit of air conditioning in their classrooms. At times, when a classroom becomes unbearable, teachers resort to turning the lights off, purchasing their own fans, and frequent water breaks, if there is a water fountain available at the school. Other schools are rotating students into air-conditioned libraries or computer labs to cool off, and some change the day's lessons to avoid the heat and fatigue related to the environment. These are a few of the strategies to keep students comfortable as temperatures soar.

It is well known that many of our educational facilities are in a state of decay, neglect, and/or deterioration. The association supports funding to modernize, expand, replace, and/or maintain these facilities with air conditioning in order to provide a safe, healthy, and effective teaching and appropriate climate control in every classroom that enhances improved learning for both students and employees.

The HSTA further believes that the community, parent/guardians, students and education employees must be effectively involved in the development of the plans to modernize, expand and/or replace air-conditioning units.

Thank you for the opportunity to testify in **support of SB 2424, SD2.**



STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING  
AND GENERAL SERVICES  
P.O. BOX 119  
HONOLULU, HAWAII 96810-0119

WRITTEN TESTIMONY  
OF  
DEAN H. SEKI, COMPTROLLER  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
TO THE  
HOUSE COMMITTEE  
ON  
EDUCATION  
ON  
March 12, 2014

S.B. 2424, S.D. 2

RELATING TO AIR CONDITIONING IN PUBLIC SCHOOL FACILITIES

Chair Takumi and members of the Committee, thank you for the opportunity to submit written testimony on S.B. 2424, S.D. 2.

The Department of Accounting and General Services (DAGS) supports the intent of S.B. 2424, S.D. 2 and will assist the Department of Education (DOE) in developing a master strategy for cooling all public school facilities and conducting a comprehensive study if requested to do so.

However, we would like the Committee to note that:

1. DAGS is not involved in the operations of any DOE school facilities; and
2. Pursuant to Act 51, Sessions Laws of Hawaii 2004, DAGS is not involved in the management of any planning or design phases for any DOE school facility projects.

Thank you for the opportunity to submit written testimony on this matter.



# UNIVERSITY OF HAWAII SYSTEM

## Legislative Testimony

---

Written Testimony Presented Before the  
House Committee on Education  
Wednesday, March 12, 2014 at 2:00 pm

by  
Richard Rocheleau, Director  
Hawai'i Natural Energy Institute  
School of Ocean and Earth Science and Technology  
University of Hawai'i at Mānoa

### SB 2424 SD2 – RELATING TO AIR CONDITIONING IN PUBLIC SCHOOL FACILITIES

Chair Takumi, Vice Chair Ohno, and members of the committee:

My name is Richard Rocheleau, Director of the Hawai'i Natural Energy Institute at the University of Hawai'i at Mānoa (HNEI). I support SB 2424 SD2, which requires the Department of Education (DOE) and the Department of Accounting and General Services, in consultation with the Department of Business Economic Development and Tourism and HNEI, to develop a master strategy for cooling all public school facilities, conduct a comprehensive study and report their findings and recommendations to the 2015 Legislature.

HNEI is currently partnering with the DOE to develop a facility assessment protocol to guide the design of comfortable learning environments with reduced energy consumption, with the ultimate objective of producing design guidelines that would be applicable to DOE facilities statewide. This project is funded by the DOE, barrel tax funds and federal funds.

Thank you for the opportunity to testify.



46-063 Emepela Pl. #U101 Kaneohe, HI 96744 · (808) 679-7454 · Kris Coffield · Co-founder/Legislative Director

---

**TESTIMONY FOR SENATE BILL 2424, SENATE DRAFT 2, RELATING TO AIR  
CONDITIONING IN PUBLIC SCHOOL FACILITIES**

**House Committee on Education  
Hon. Roy M. Takumi, Chair  
Hon. Takashi Ohno, Vice Chair**

**Wednesday, March 12, 2014, 2:00 PM  
State Capitol, Conference Room 309**

Honorable Chair Takumi and committee members:

I am Kris Coffield, representing the IMU Alliance, a nonpartisan political advocacy organization that currently boasts over 175 local members. On behalf of our members, we offer this testimony in support of, with proposed amendments for Senate Bill 2424, SD2, relating to air conditioning in public school facilities.

Studies show that the percentile gap between conditioned and non-conditioned environments can exceed 10 points on achievement tests, clearly evincing the impact of a comfortable environment on student success. In a longitudinal analysis contained in “Effects of the Physical Environment on Student Learning,” Glen I. Earthman of Virginia Polytechnic Institute and State University found that students between 4<sup>th</sup> and 9<sup>th</sup> grade at demographically similar schools showed increased gains in reading vocabulary, total math, problem solving, math procedures, pre-writing, and editing at schools with air conditioning, when compared with peers from non-conditioned schools. Moreover, Earthman demonstrated that the longer and more consistently students are exposed to thermal conditioning, the better and more stable their performance gains tend to be. Conversely, students exposed to thermal conditioning for only short or intermittent periods of time demonstrated lower achievement levels compared to their peers. These finds are supported by U.S. Department of Education sponsored research and facilities maintenance positions, which state that proper thermal conditioning systems lead to better attitudes toward learning, fewer disciplinary problems, and sustained achievement (McGuffey 1982, Cash 1993). While we applaud the Hawaii State Department of Education for requesting \$25 million in supplemental funds to cool local classrooms over the next year, previous DOE estimates of the cost to provide air conditioning at all schools currently lacking such systems have soared past \$1.5 billion. Thus, if policymakers' goal is to improve air

conditioning facilities systemwide—in which temperatures at some classrooms regularly and persistently surpass 100 degrees—a long-term fiscal plan of action is imperative.

That said, **we encourage the committee to amend the list of factors enumerated for consideration contained Section 1 of the bill to include an additional point, stating: “Potential cost savings generated by renewable energy technology.”** In conversations with photovoltaic companies, like RevoluSun (Hawaii's leading solar installer and clean energy integrator), advocates have learned that employing off-grid DC-powered air conditioners, operated entirely (100 percent) from photovoltaic modules that store energy in power-saving batteries, could cost between \$15,000 to \$30,000 per classroom, a savings of approximately 70 percent from DOE projections (discounting a monthly lease per-classroom payment that could be offset by the department's ongoing and all-encompassing renewable energy savings). We recognize that such a plan would need to be thoroughly vetted by state financial advisors, department officials, and policymakers, but believe that the possible revenue savings brought about by renewable energy technology are significant enough to warrant strong consideration by the department, to be explicitly called for by the proposal.

Mahalo for the opportunity to testify in support of this bill.

Sincerely,  
Kris Coffield  
*Legislative Director*

841 Bishop St., Suite 301  
Honolulu, Hawaii 96813



Telephone: 808 926-1530  
Contact@HEECoalition.org

House Committee on Education  
Representative Roy Takumi, Chair  
Representative Takashi Ohno, Vice Chair

March 12, 2014

Dear Chair Takumi, Vice Chair Ohno, and Committee Members:

This testimony is submitted in support for SB2424 SD2, which requires the development of a cooling master strategy and comprehensive study for the public schools.

The Hui for Excellence in Education (HE'E) is a diverse coalition of over 40 parent and community organizations dedicated to improving student achievement by increasing family and community engagement and partnerships in our schools. Our member list is attached.

Our members agree that students learn best in environments that are comfortable. We have heard that at some schools, the heat is so distracting that students and teachers are not able to concentrate. We have also heard from DOE personnel that air-conditioning schools is a complex and expensive task, particularly because our school facilities are aging and were not originally designed to have air-conditioning. Therefore, we support the coordinated effort of DOE and DAGS working collaboratively with other state agencies to identify the costs and recommend a financial plan for implementation.

Thank you for the opportunity to testify and for your consideration. Our support of this bill represents a 75% consensus or more of our membership.

Sincerely,

Cheri Nakamura  
HE'E Coalition Director



HE'E Member List

Academy 21

After-School All-Stars Hawaii

Alliance for Place Based Learning

\*Castle Complex Community Council

Center for Civic Education

Coalition for Children with Special Needs

\*DOE Windward District

\*Faith Action for Community Equity

Fresh Leadership LLC

Girl Scouts Hawaii

\*Good Beginnings Alliance

Harold K.L. Castle Foundation

\*Hawaii Appleseed Center for Law and Economic Justice

Hawai'i Athletic League of Scholars

\*Hawai'i Charter School Network

\*Hawai'i Nutrition and Physical Activity Coalition

\*Hawaii State PTSA

Hawai'i State Student Council

Hawai'i State Teachers Association

Hawai'i P-20

Hawai'i 3Rs

Head Start Collaboration Office

It's All About Kids

\*INPEACE

Joint Venture Education Forum

Junior Achievement of Hawaii

Kamehameha Schools

Kanu Hawai'i

Keiki to Career

Kupu A'e

\*Leaders for the Next Generation

Learning First

McREL's Pacific Center for Changing the Odds

Our Public School

\*Pacific Resources for Education and Learning

\*Parents and Children Together

\*Parents for Public Schools Hawai'i

Punahou School PUEO Program

Teach for America

The Learning Coalition

US PACOM

University of Hawai'i College of Education

YMCA of Honolulu

Voting Members (\*)

From: Victoria DeFuentes

Subject: Public Schools; Air Conditioning

I strongly support SB2424 SD1. The bill proposing that the department of education and the department of accounting and general services consult with the Hawaii state energy office of the department of business, economic development, and tourism and the Hawaii natural energy institute of the University of Hawaii, and then from there create a master cooling system and a comprehensive study for public schools in Hawaii and then report all that was found to the 2015 regular session of legislature.

I am a senior at Kalaheo High School, and even though I am graduating this year I feel as though it would be very beneficial to have Air Conditioning in classrooms. Currently, my school only has fans and while some days those are sufficient to keep us cool and comfortable most days they are not enough no matter what. We keep windows open and doors open for a breeze, but most days it isn't enough. Being hot and worrying if other people can see your sweat is too much of a distraction when I could be focusing on what I'm supposed to be learning.

Please consider passing the Sb2424.

To: Chairperson Roy Takumi  
Vice Chairperson Takashi Ohno  
Members of the House Committee on Education

From: Corey Rosenlee

Subject: Support for SB2424, RELATING TO AIR CONDITIONING IN PUBLIC SCHOOL FACILITIES

My name is Corey Rosenlee and I am a teacher at Campbell High School. I strongly support SB2424. There is a direct correlation between temperature and student behavior and achievement. "Student performance, attitude, and behavior improved in proper air conditioned climates making it easier to concentrate and making them feel less drowsy and fatigued. Higher temperatures have a negative relationship with academic learning" (Nolan,1960). This year at Campbell temperatures in the classrooms reached over 90 degrees, with a high temperature of 95 degrees. At Waialua High, Lahainaluna High, and Honowai Elementary teachers at these schools snapped pictures of their classrooms reaching over 90 degrees.

Many education experts and legislators would agree that our classrooms need air conditioning, and because of this all new schools in Hawaii are built with ac. The question is what to do with the approximately 240 schools that do not have ac, while we may agree that ac is important the cost has always been prohibitive with price ranges of 1 billion to 1.7 billion to ac all of Hawaii's classrooms, or \$115,000-\$250,000 per classroom. Much of the expense is to upgrade the electrical system at our schools which on average are 65 years old, and to insulate the rooms to avoid high electrical bills. After much research I believe we can bring down the cost of air conditioning Hawaii's classrooms by 90% by installing photovoltaic air conditioning. The pv ac works by installing pv on the roof of the classroom which then goes to a battery pack which powers the ac unit. Putting two ac units in a classrooms would cost between \$15,000-\$25,000. This is new technology and I hope this bill will test this technology out and if it works, as I believe it will, to implement in Hawaii's classrooms.

The one thing I would ask this committee to do is to amend the bill so that after the study is completed if certain criteria are met to act on the study. My great fear is that after the study is done and it states x many rooms need ac and it will cost x amount then the problem will seem so large we will just bury the issue and ten or twenty years down the road children will still be suffering in the heat.

Here are some recommendations that I ask be included in this bill for study:

#### SB2424 Study on Air Conditioning

- A. Funds should be allocated to study a photovoltaic off the grid ac system:
  - a. Is solar ac system more cost effective in installation and electrical costs than a traditional system?

- b. How many classrooms have enough sunlight and roof space to accommodate the solar ac?
- B. The study should determine:
  - a. How many classrooms currently don't have ac?
  - b. How many classrooms currently have enough electrical capacity to handle ac without the need to upgrade their system?
  - c. Do classrooms that have an ac system need to be replaced because of age?
  - d. What is the average interior temperature of classrooms?
  - e. Are there other mitigating factors that would require ac(vog, noise, flies, smells, etc.)?
- C. The following criteria can be met than the classroom should get ac with the next 6 years:
  - a. One is the room's average interior temperature over 78 degrees, or has other mitigating reasons to have ac?
  - b. The Solar PV system is effective and more cost efficient
  - c. The school has enough sunlight and roof space to accommodate the solar pv
  - d. The classroom/school has enough ac to accommodate a traditional ac without upgrade
  - e. That installation can be done for less than \$150 million over the next six years.

Please pass SB2424 and give our students a quality learning environment. Thank you.

**ohno2-Rexie**

---

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Tuesday, March 11, 2014 8:03 AM  
**To:** EDNtestimony  
**Cc:** kathyk323@hotmail.com  
**Subject:** \*Submitted testimony for SB2424 on Mar 12, 2014 14:00PM\*

**SB2424**

Submitted on: 3/11/2014

Testimony for EDN on Mar 12, 2014 14:00PM in Conference Room 309

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Kathy Kim	Individual	Oppose	No

Comments:

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email [webmaster@capitol.hawaii.gov](mailto:webmaster@capitol.hawaii.gov)

**ohno2-Rexie**

---

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Monday, March 10, 2014 10:22 PM  
**To:** EDNtestimony  
**Cc:** sdinion@mac.com  
**Subject:** Submitted testimony for SB2424 on Mar 12, 2014 14:00PM

**SB2424**

Submitted on: 3/10/2014

Testimony for EDN on Mar 12, 2014 14:00PM in Conference Room 309

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Steve Dinion	Individual	Support	No

Comments: Please support our students and teachers by providing an appropriate learning environment. Please pass this bill!

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email [webmaster@capitol.hawaii.gov](mailto:webmaster@capitol.hawaii.gov)

**ohno2-Rexie**

---

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Tuesday, March 11, 2014 9:17 PM  
**To:** EDNtestimony  
**Cc:** amyathomas@hotmail.com  
**Subject:** Submitted testimony for SB2424 on Mar 12, 2014 14:00PM

**SB2424**

Submitted on: 3/11/2014

Testimony for EDN on Mar 12, 2014 14:00PM in Conference Room 309

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Amy Perruso	Individual	Support	No

Comments: As the parent of a public school child, I believe it is the obligation of the citizenry of this community, who you represent, to provide our children with the optimal conditions for learning. That should be our highest priority. The physical setting for learning is critical and a great deal of research supports the argument that conditions of learning affect outcomes. If we held those who appropriate the valuable resources of Hawaii more accountable, the issues around funding decent learning environments would essentially disappear. This will take courage and vision. You have all been elected by the people of Hawaii in the hopes that you will exercise such courage and vision. Thank you for considering this request that you do so.... one critical first step will be to pass this legislation.  
Dr. Amy Perruso

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email [webmaster@capitol.hawaii.gov](mailto:webmaster@capitol.hawaii.gov)

**ohno2-Rexie**

---

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Tuesday, March 11, 2014 5:37 PM  
**To:** EDNtestimony  
**Cc:** annieckcross@gmail.com  
**Subject:** Submitted testimony for SB2424 on Mar 12, 2014 14:00PM

**SB2424**

Submitted on: 3/11/2014

Testimony for EDN on Mar 12, 2014 14:00PM in Conference Room 309

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Anne Cross	Individual	Support	No

Comments: I am a teacher at Chiefess Kapiolani Elementary in Hilo and I strongly support SB2424. Having proper climate controlled classrooms would make my classroom a safer environment and would increase productivity in myself and my students. I often hear domestic situations on the sidewalk in front of my classroom. I occasionally find myself being distracted from my teaching with concerns that the individuals may bring there issues on to campus. That is when I realize it would take me two to three crucial minutes to secure my classroom from an intruder or threat on campus. The bridge on Kilauea Ave (right outside my classroom) was under construction for approximately one month. My students and I fought to hear each other and concentrate over the sounds of jackhammers and the fumes from paving. On voggy days we can taste the pollutants in the air and I am reminded that if we had a climate controlled classroom that could be easily secured we would be safer from many potential natural and environmental disasters. When n ecessary mowing of the lawns at school occurs my classroom becomes infested with the little irritating flies that are rudely evicted from there grass residences. This is a monthly (if not more frequent) distraction to my highly distractible students with disabilities. When it is hot out my students are hard to motivate, especially after recess or physical education. On cold days they are so bundled up they do not want to move, let alone complete a writing assignment. All of the above impact my ability to provide a rigorous program for my students. This could be easily corrected if we were provided a secure, climate-controlled learning environment.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email [webmaster@capitol.hawaii.gov](mailto:webmaster@capitol.hawaii.gov)



**ohno2-Rexie**

---

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Wednesday, March 12, 2014 6:25 AM  
**To:** EDNtestimony  
**Cc:** dlokelani.han@gmail.com  
**Subject:** \*Submitted testimony for SB2424 on Mar 12, 2014 14:00PM\*

**SB2424**

Submitted on: 3/12/2014

Testimony for EDN on Mar 12, 2014 14:00PM in Conference Room 309

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Davelyn Lokelani Han	Individual	Support	No

Comments:

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email [webmaster@capitol.hawaii.gov](mailto:webmaster@capitol.hawaii.gov)

**ohno2-Rexie**

---

**From:** Kristi Miyamae <kristim808@gmail.com>  
**Sent:** Tuesday, March 11, 2014 10:37 PM  
**To:** EDNtestimony  
**Cc:** Ito-Mizota, Kendra  
**Subject:** RE: S.B. 2424, SD2 - RELATING TO AIR CONDITIONING IN PUBLIC SCHOOL FACILITIES

To Whom it May Concern;

I am in support of S.B. 2424, S.D.2 and I appeal to you to do the same.

As you know, temperatures in Hawaii can become unbearable. In order to provide a safe and effective teaching environment, climate control is important. Air conditioning in schools will allow for improved focus and health of our students.

I have had the opportunity to visit schools in my district and have seen teachers resorting to purchasing personal fans and turning off lights to cool the classrooms. Learning is impacted due to fatigue. It is difficult to keep students engaged when conditions become unbearable.

We need to invest in maintaining and modernizing our school facilities. We need to take care of the health and safety of our keiki.

Please support S.B. 2424, S.D. 2.

Thank you,  
Kristi Miyamae  
1441 Hoohulu Street  
Pearl City, HI 96782

**ohno2-Rexie**

---

**From:** mailinglist@capitol.hawaii.gov  
**Sent:** Tuesday, March 11, 2014 7:36 PM  
**To:** EDNtestimony  
**Cc:** denis2654@hawaiiantel.net  
**Subject:** Submitted testimony for SB2424 on Mar 12, 2014 14:00PM

**SB2424**

Submitted on: 3/11/2014

Testimony for EDN on Mar 12, 2014 14:00PM in Conference Room 309

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Lawrence Denis III	Individual	Support	No

Comments: Aloha from Waikoloa. I am a Public School Teacher for the last 10 years. I have taught in very hot classrooms, and no legislator or public official would want to work in such heat. Therefore, I urge you to do what is right for our students...air condition every public school classroom in the state. Mahalo!

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email [webmaster@capitol.hawaii.gov](mailto:webmaster@capitol.hawaii.gov)

**ohno2-Rexie**

---

**From:** Cheryl Slattery <cherylslattery@hawaii.rr.com>  
**Sent:** Wednesday, March 12, 2014 11:03 AM  
**To:** EDNtestimony  
**Subject:** Re: SB242 SD2



To: The Honorable Chair Roy Takumi, and other members of committee

I am writing in regards to air conditioning in the public schools.

I am a kindergarten teacher at Barbers Point Elementary and would like to bring up not only the issue of heat in the classroom that effects learning but also the noise from commercial airliners, military jets, Coast Guard helicopters , lawn mowers and traffic that make learning difficult for these children.

I am urging you to consider the students first and put air conditioning in the public schools.

Thank you,  
Mrs Cheryl Slattery  
SB 2424 SD2

Sent from my iPhone