

SB 504

kim2 - Arline

From: Wade.Mukai@interfaceflor.com
Sent: Wednesday, February 25, 2009 10:39 PM
To: WAM Testimony
Subject: Sustainable Saunders Internship Bill SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Importance: High

Testimony of Mr. Wade T. Mukai

Account Executive - Hawaii & Guam / InterfaceFLOR

96-210 Waiawa Road, Unit #112, Pearl City, HI 96782

Tel: 808-782-2214 E-mail: wade.mukai@interfaceflor.com

In support of Bill SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Before the

COMMITTEE ON WAYS AND MEANS

Friday, February 27, 2009 9 AM

Senator Donna Mercado Kim, Chair

Senator Shan S. Tsutsui, Vice Chair

Aloha Senator Kim, Senator Tsutsui and committee members,

My name is Wade T. Mukai. I am of InterfaceFLOR LLC, Account Executive for Hawaii & Guam.

Bill SB504 SD1 provides for an appropriation of \$207,000 for fiscal year 2009-2010 and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Hawai'i of Manoa (UHM).

InterfaceFLOR LLC / Wade T. Mukai **supports** enactment of Bill SB504 SD1.

The State's investment of \$207,000 for the program for the first year 2009-2010 and the same for fiscal year 2010-2011 would be returned a minimum of four-fold with \$2million in energy savings at UHM as well as savings at DOE schools and the creation of a green workforce.

The goals of the sustainability internship program are to:

- create green jobs in Hawaii's fastest growing sectors of the economy
- save the University of Hawaii and the State millions of dollars in operating costs each year
- train DOE schools to substantially cut operating costs through energy efficiency

-create opportunities for students to gain empowering experience, supportive connections and access to green careers in Hawaii

The Sustainable Saunders program has:

- found \$146,000 in annual no-cost energy savings in Saunders Hall
- found \$700,000 in annual no-cost energy savings in the Hamilton Library
- shown the potential for similar campus wide savings in that **UHM** uses 3.2x the amount of energy/sqft as UCSanta Barbara

The proposed sustainability internship program would:

- energy audit UHM's campus with the goal of finding a minimum of \$2million in energy savings campus wide
- help DOE schools to find energy savings in response to requests such as these:

“I am wondering if your group that did an environmental impact study of

a building at UH has a business doing this type of thing? My son's school is facing financial problems and they may have to let go of some teachers. If you have a business doing this I would like to refer his principal to you for a consultation.”

- Create a much needed ‘green’ work force for Hawaii – the fastest growing sectors of Hawaii’s economy is renewable energy: (8.4%, 4 times greater growth than Hawaii’s average) as well as environmental consulting at 4.1% growth.
- UH could be the focus of the nation for sustainability which would gain it credibility, financial support as well as a higher student retention rate.

The proposed sustainability internship program would benefit:

Students and Youth

- Gain experience and be able to work in a field that they are interested instead of part-time jobs unrelated to professional pursuits or academic life.
- Training in sustainable practices/principles that can be used for green careers in Hawaii

The UHM Campus

- Gives national recognition for sustainability
- Attracts more students that are interested in sustainability
- The program is based on a proven business model that has been financially self-sustaining within two years at Harvard and UC Berkeley.

The state of Hawai'i

- Creates an experienced, educated workforce for growing economic sectors as well as affordable entry-level positions in sustainability.
- Gives employers opportunities to pilot positions and candidates
- Helps retain Hawaii’s best and most dedicated students

Thank you for providing this opportunity to testify.

Wade T. Mukai
Account Executive

InterfaceFLOR
Pacific South - Hawaii / Guam

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Need Samples? Log onto InterfaceFLOR website- <http://www.interfaceflor.com>

Need TAC TILES installation information / product specs - <http://www.interfaceflor.com/tactiles>

Need Sustainability Information? - <http://www.interfacesustainability.com>

i2 Collection Website - <http://www.interfaceflooring.com/entropy2>

kim2 - Arline

From: Katia Koteva [koteva@hawaii.edu]
Sent: Thursday, February 26, 2009 10:31 AM
To: WAM Testimony
Subject: re: Bill SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Importance: High

Testimony of Katia Koteva
Program Coordinator & University of Hawaii at Manoa/Outreach College 2500 Dole Street Krauss
Hall 101; International Bridge Program Honolulu, Hawaii 96822
Tel: 808-956-9247 E-mail: koteva@hawaii.edu

In support of Bill SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Before the
COMMITTEE ON WAYS AND MEANS

Friday, February 27, 2009 9 AM

Senator Donna Mercado Kim, Chair
Senator Shan S. Tsutsui, Vice Chair

Aloha Senator Kim, Senator Tsutsui and committee members,

My name is Katia Koteva. I am working at University of Hawaii at Manoa/ Outreach College as a program coordinator for international students.

Bill SB504 SD1 provides for an appropriation of \$207,000 for fiscal year 2009-2010 and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Hawai'i of Manoa (UHM).

I strongly support enactment of Bill SB504 SD1 because the proposed sustainability internship program would attract more students that are interested in sustainability and would have the following benefits:

- Students and Youth would gain experience and be able to work in a field that they are interested instead of part-time jobs unrelated to professional pursuits or academic life
- For training in sustainable practices/principles that can be used for green careers in Hawaii
- The UHM Campus in getting national recognition for sustainability

This is also a way the state of Hawai'i to create an experienced, educated workforce for growing economic sectors as well as affordable entry-level positions in sustainability; to give employers opportunities to pilot positions and candidates and to help retain Hawaii's best and most dedicated students.

Mahalo and Best wishes for a fruitful work,

Katia Koteva

kim2 - Arline

From: Luciano Minerbi [luciano@hawaii.edu]
Sent: Thursday, February 26, 2009 8:21 AM
To: WAM Testimony
Subject: Testimony in favot of Bill SB504 DSD1
Attachments: Card for Luciano Minerbi <luciano@hawaii.edu>.vcf

Testimony of Luciano Minerbi, AICP

University of Hawaii Professor of Urban and Regional Planning

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Tel: E-mail: luciano@hawaii.edu

In support of Bill SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Before the

COMMITTEE ON WAYS AND MEANS

Friday, February 27, 2009 9 AM

Senator Donna Mercado Kim, Chair

Senator Shan S. Tsutsui, Vice Chair

Aloha Senator Kim, Senator Tsutsui and committee members,

My name is Luciano Minerbi. I am a Professor at UH Manoa, but I testify only as an individual, at my on time, and I do not represent UH.

Bill SB504 SD1 provides for an appropriation of \$207,000 for fiscal year 2009-2010 and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Hawai'i of Manoa (UHM).

I supports enactment of Bill SB504 SD1.

As a faculty members teaching courses and modules on sustainability I am available to advise students on promoting sustainability in Hawaii and assisting some of the students who would work as sustainability interns.

I can do that informally or formally through Plan 752 Directed Project or Plan 399 Directed Readings in Planning. These courses (and others) provides opportunities for service learning, thus linking education to meaningful employment as as the proposed internships.

Sustainability will not become a reality in Hawaii until educated and trained labor force will be available locally for emerging sustainable businesses. Research and Development (R&D) for sustainability should be an overt effort in Hawaii as it can also become the best export industry for us in addition to meet local needs.

Partnerships between UH public and private sectors is needed for Hawaii to become really a sustainable state.

Mahalo for the opportunity to testify
Luciano Minerbi, Dr. Arch., MUP, AICP
Professor
University of Hawaii
Department of Urban and Regional Planning
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Phone: 808-956-6869
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Testimony of Justin Franzmeier
Owner, Island Foodscaping and Design
247 South Kalaheo
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In support of SB 504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Before the
Ways and Means Committee

February 27, 2009

Good afternoon **Sen. Donna Mercado Kim, Sen. Shan S. Tsutsui**, Sen. Suzanne Chun Oakland, Sen. J. Kalani English, Sen. Carol Fukunaga, Sen. Brickwood Galuteria, Sen. Clayton Hee, Sen. Gary Hooser, Sen. Michelle Kidani, Sen. Russell Kokubun, Sen. Jill Tokuda, Sen. Fred Hemmings:

My name is Justin Franzmeier. I am the owner of Island Foodscaping and Design.

SB 504 SD1 provides for an appropriation of \$207,000 for fiscal year 2009-2010 and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Hawai'i of Manoa (UHM). Island Foodscaping and Design **supports** enactment of SB504 SD1.

I support this bill because it allows Hawaii students the opportunity to learn hands on the importance of being sustainable. Students are asking for this program and they should not be denied. This internship program benefits the whole state because it allows students to become our next leaders in the green movement.

The State's investment of \$207,000 for the program for the first year 2009-2010 and the same for fiscal year 2010-2011 would be returned a minimum of four-fold with \$2million in energy savings at UHM as well as savings at DOE schools and the creation of a green workforce.

The goals of the sustainability internship program are to:

- create green jobs in Hawaii's fastest growing sectors of the economy
- save the University of Hawaii and the State millions of dollars in operating costs each year
- train DOE schools to substantially cut operating costs through energy efficiency
- create opportunities for students to gain empowering experience, supportive connections and access to green careers in Hawaii

The Sustainable Saunders program has:

- found \$146,000 in annual no-cost energy savings in Saunders Hall
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- shown the potential for similar campus wide savings in that **UHM** uses 3.2x the amount of energy/sqft as UCSanta Barbara

The proposed sustainability internship program would:

- energy audit UHM's campus with the goal of finding a minimum of \$2million in energy savings campus wide
- help DOE schools to find energy savings in response to requests such as these:

"I am wondering if your group that did an environmental impact study of

a building at UH has a business doing this type of thing? My son's school is facing financial problems and they may have to let go of some teachers. If you have a business doing this I would like to refer his principal to you for a consultation."

- Create a much needed 'green' work force for Hawaii – the fastest growing sectors of Hawaii's economy is renewable energy: (8.4%, 4 times greater growth than Hawaii's average) as well as environmental consulting at 4.1% growth.
- UH could be the focus of the nation for sustainability that would gain them credibility, financial support as well as a higher student retention rate.

The proposed sustainability internship program would benefit:

Students and Youth

- o Gain experience and be able to work in a field that they are interested instead of part-time jobs unrelated to professional pursuits or academic life.
- o Training in sustainable practices/principles that can be used on resume as well as makes connections and networks within the same field.

The UHM Campus

- o Gives national recognition for sustainability
- o Attracts more students that are interested in sustainability
- o The program is based on a proven business model that has been financially self-sustaining within two years at Harvard and UC Berkeley.

The state of Hawai'i

- o Creates an experienced, educated workforce for growing economic sectors as well as affordable entry-level positions in sustainability.
- o Gives employers opportunities to pilot positions and candidates
- o Helps retain Hawaii's best and most dedicated students

Thank you for providing this opportunity to testify.

kim2 - Arline

From: Patti Almirez [palmirez@honoluluacademy.org]
Sent: Thursday, February 26, 2009 8:57 AM
To: WAM Testimony
Subject: In support of Bill SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Testimony of Patti Almirez

Executive Assistant to the Deputy Director, Honolulu Academy of Arts

900 South Beretania Street, Honolulu, HI 96814

Tel: 532-6091

E-mail: palmirez@honoluluacademy.org

In support of Bill SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Before the

COMMITTEE ON WAYS AND MEANS

Friday, February 27, 2009 9 AM

Senator Donna Mercado Kim, Chair

Senator Shan S. Tsutsui, Vice Chair

Aloha Senator Kim, Senator Tsutsui and committee members,

My name is Patti Almirez. I am of the Executive Assistant to the Deputy Director at the Honolulu Academy of Arts.

Bill SB504 SD1 provides for an appropriation of \$207,000 for fiscal year 2009-2010 and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Hawai'i of Manoa (UHM).

Patti Almirez **supports** enactment of Bill SB504 SD1.

I strongly support this bill. This would provide a win-win situation for many local businesses as well as the students at the university. The program is brilliant, progressive, forward thinking and would have many benefits to our state. Working at a teaching institution, the thought of partnering with UH in the very important, critical mission of creating a more sustainable world is very appealing. This program is what Hawaii needs at exactly this time.

The State's investment of \$207,000 for the program for the first year 2009-2010 and the same for fiscal year 2010-2011 would be returned a minimum of four-fold with \$2million in energy savings at UHM as well as savings at DOE schools and the creation of a green workforce.

The goals of the sustainability internship program are to:

-create green jobs in Hawaii's fastest growing sectors of the economy

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The Sustainable Saunders program has:

- found \$146,000 in annual no-cost energy savings in Saunders Hall
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- shown the potential for similar campus wide savings in that **UHM** uses 3.2x the amount of energy/sqft as UCSanta Barbara

The proposed sustainability internship program would:

- energy audit UHM's campus with the goal of finding a minimum of \$2million in energy savings campus wide
- help DOE schools to find energy savings in response to requests such as these:
 - “I am wondering if your group that did an environmental impact study of a building at UH has a business doing this type of thing? My son's school is facing financial problems and they may have to let go of some teachers. If you have a business doing this I would like to refer his principal to you for a consultation.”
- Create a much needed 'green' work force for Hawaii – the fastest growing sectors of Hawaii's economy is renewable energy: (8.4%, 4 times greater growth than Hawaii's average) as well as environmental consulting at 4.1% growth.
- UH could be the focus of the nation for sustainability which would gain it credibility, financial support as well as a higher student retention rate.

The proposed sustainability internship program would benefit:

Students and Youth

- Gain experience and be able to work in a field that they are interested instead of part-time jobs unrelated to professional pursuits or academic life.
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The UHM Campus

- Gives national recognition for sustainability
- Attracts more students that are interested in sustainability
- The program is based on a proven business model that has been financially self-sustaining within two years at Harvard and UC Berkeley.

The state of Hawai'i

- Creates an experienced, educated workforce for growing economic sectors as well as affordable entry-level positions in sustainability.
- Gives employers opportunities to pilot positions and candidates
- Helps retain Hawaii's best and most dedicated students

Patti Almirez

Executive Assistant to the Deputy Director

Honolulu Academy of Arts

900 South Beretania Street

Honolulu, HI 96814

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Testimony of SHANAH TREVENNA
Student Sustainability Coordinator, UHM Sustainable Saunders
tel: 808-772-1874 e-mail: trevenna@hawaii.edu

In support of Bill SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Before the

COMMITTEE ON WAYS AND MEANS

Friday, February 27, 2009 9 AM

Senator Donna Mercado Kim, Chair

Senator Shan S. Tsutsui, Vice Chair

Aloha Senator Kim, Senator Tsutsui and Committee Members,

I am testifying in support of Bill SB504 SD1.

My name is Shanah Trevenna and I am the Student Sustainability Coordinator of Sustainable Saunders, an initiative at the University of Hawaii at Manoa to evolve Saunders Hall into a model of sustainability for the campus and beyond. Previous to this role I have worked as a mechanical engineer for various companies in Canada. In addition to my engineering work at IBM, I worked in their internship program, both as an intern for 16 months, and as a coordinator. I interviewed students throughout the country for intern positions and matched them with opportunities and served as mentor.

In my current role I often speak at high schools and when I ask which students will stay in Hawaii after they graduate, no one raises their hand. When asked why, they always state that there is no opportunity here. This program would provide accessible, meaningful, well paying career paths for students in Hawaii. All internships which will be piloted this year including with the Gas Company, the Board of Water Supply, the Coast Guard and Electricians Inc. did not exist before we created the positions with the sponsors. And many more employers have expressed interest. Employers are eager to participate because they can pilot positions and candidates in a low risk, low cost, short term manner as well as gain from our expertise in identifying significant savings. Our program is very unique because it builds on the successful culture of Sustainable Saunders which has proven successful in engaging, training and retaining generation Y students. While efforts are being made on UHM's campus for energy savings, none offer this engagement nor the creation and access to green careers. This program would

complement all programs currently in place at UHM providing additional helping hands for the admirable energy goals of the administration.

In my role I also receive letters Statewide asking for help in finding energy savings, especially from the DOE. This excerpt is an example:

“I am wondering if your group that did an environmental impact study of a building at UH has a business doing this type of thing? My son's school is facing financial problems and they may have to let go of some teachers. If you have a business doing this I would like to refer his principal to you for a consultation.”

This program would train DOE students to do energy audits of their schools to find energy savings.

In June of 2008 I presented at Harvard University to Sustainability Coordinators from across the country. Our step-by-step explanation of our program received top honors and invitations to present around the country. UH could be the focus of the nation for sustainability which would gain us credibility and attract federal and private financial support. UH would also attract dedicated students since a recent survey shows U.S. students are twice as likely to choose a school based on sustainability compared to just three years ago.

This program is based on a proven business model that has been financially self-sustaining within two years at Harvard and UC Berkeley. With its guaranteed return on investment to the State of Hawaii, it is a sound economic investment that will enrich education and the work force and create a more secure energy and financial future for Hawaii.

The State's investment of \$207,000 for the Sustainable Saunders Internship Program(SSIP) SB504 for the first year 2009-2010 and the same for fiscal year 2010-2011 would be returned a minimum of four-fold with \$2million in energy savings at UHM. It would also train DOE schools to substantially cut operating costs through energy efficiency and create a green work force for Hawaii's fastest growing economic sectors such as Energy and Environmental Consulting.

The SSIP program would mentor students to apply proven methods used by the Sustainable Saunders program which has:

- implemented \$146,000 in annual no-cost energy savings in Saunders Hall
- found \$700,000 in annual no-cost energy savings in the Hamilton Library
- shown the potential for similar campus wide savings in that UHM uses 3.2x the amount of energy/square foot as UCSanta Barbara

The program would also create a much needed 'green' work force for Hawaii – the fastest growing sectors of Hawaii's economy is renewable energy: (8.4%, 4 times greater growth than Hawaii's average) as well as environmental consulting at 4.1% growth. The

creation of affordable entry-level positions in sustainability would help retain Hawaii's best and most dedicated students.

I thank you for the opportunity to testify in support of Bill SB504 SD1.

Sincerely,
Shanah

Shanah Trevenna BSc.Mech.Eng.
Student Sustainability Coordinator
University of Hawaii at Manoa, Sustainable Saunders
<http://sustainablesaunders.hawaii.edu>
trevenna@hawaii.edu
808-772-1874

kim2 - Arline

From: John Sweeney [john@styrophobia.com]
Sent: Wednesday, February 25, 2009 9:25 PM
To: WAM Testimony
Subject: Testimony in support of Bill SB504 SD1

Importance: High

Testimony of John Sweeney

Sales Director, Styrophobia, LLC
3133 Waialae Avenue #3903
Honolulu, HI 96816

234-7336
john@styrophobia.com

In support of Bill SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Before the

COMMITTEE ON WAYS AND MEANS

Friday, February 27, 2009 9 AM
Senator Donna Mercado Kim, Chair

Senator Shan S. Tsutsui, Vice Chair

Aloha Senator Kim, Senator Tsutsui and committee members,

My name is John Sweeney. I am the Sales Director at Styrophobia, LLC.

Bill SB504 SD1 provides for an appropriation of \$207,000 for fiscal year 2009-2010 and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Hawai'i of Manoa (UHM).

Styrophobia supports enactment of Bill SB504 SD1.

Styrophobia is a Honolulu based organization working to reduce environmental degradation and economic injustice by sponsoring educational outreach campaigns, promoting grassroots community networking, and distributing sustainable alternatives for single-use food service disposables. In 2008, we received the award for Business with a Green Purpose from Who's Keeping Hawaii Green and the Environmentally Friendly Local Company award at the John R. Kelly Environmental Awards ceremony.

As one of many local companies seeking the most sustainable future for our precious islands, we fully support Bill SB504 SD1 and the efforts of Sustainable Saunders to make the

University of Hawai'i and the state as a whole more secure and profitable through sustainable practices.

Additionally, we agree that this program offers local students the opportunity to remain in Hawaii while receiving valuable real-world experience, and we are extremely interested in having an intern work with us on some of our many projects in the near future.

We ask the committee to pass this bill as an investment in the present and future of Hawai'i.

--

Mahalo Nui,

John Sweeney
Distributor Sales
808-230-0799
john@styrophobia.com

"The task ahead of us is never as great as the power behind us." -Ralph Waldo Emerson

Testimony of Chad Durkin
Graduate Student in NREM
CTAHR, UH Manoa
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Honolulu Hi 96822
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durkin@hawaii.edu

In support of Bill SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Before the
COMMITTEE ON WAYS AND MEANS

Friday, February 27, 2009 9 AM

Senator Donna Mercado Kim, Chair Senator Shan S. Tsutsui, Vice Chair

Aloha Senator Kim, Senator Tsutsui and committee members,

My name is Chad Durkin and I am a graduate student at UH Manoa

Bill SB504 SD1 provides for an appropriation of \$207,000 for fiscal year 2009-2010 and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Hawai'i of Manoa (UHM).

I supports enactment of Bill SB504 SD1.

The State's investment of \$207,000 for the program for the first year 2009-2010 and the same for fiscal year 2010-2011 would be returned a minimum of four-fold with \$2million in energy savings at UHM as well as savings at DOE schools and the creation of a green workforce.

The goals of the sustainability internship program are to:
-create green jobs in Hawaii's fastest growing sectors of the economy

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The proposed sustainability internship program would:

energy audit UHM's campus with the goal of finding a minimum of \$2million in energy savings campus wide

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Create a much needed 'green' work force for Hawaii – the fastest growing sectors of Hawaii's economy is renewable energy: (8.4%, 4 times greater growth than Hawaii's average) as well as environmental consulting at 4.1% growth.

UH could be the focus of the nation for sustainability which would gain it credibility, financial support as well as a higher student retention rate.

The proposed sustainability internship program would benefit:

Students and Youth

Gain experience and be able to work in a field that they are interested instead of part-time jobs unrelated to professional pursuits or academic life.

Training in sustainable practices/principles that can be used for green careers in Hawaii

The UHM Campus

Gives national recognition for sustainability

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The program is based on a proven business model that has been financially self-sustaining within two years at Harvard and UC Berkeley.

The state of Hawai'i

Creates an experienced, educated workforce for growing economic sectors as well as affordable entry-level positions in sustainability.

Gives employers opportunities to pilot positions and candidates

Helps retain Hawaii's best and most dedicated students

Thank you for providing this opportunity to testify. Chad Durkin

**Testimony of ERIK KVAM
Chief Executive Officer of Zero Emissions Leasing LLC
2800 Woodlawn Drive, Suite 131, Honolulu, Hawaii 96822
tel: 808-371-1475 e-mail: ekvam@zeroemissions.us**

In support of SB 504 SD 1 RELATING TO THE UNIVERSITY OF HAWAII

**Before the
SENATE COMMITTEE ON WAYS AND MEANS**

February 27, 2009, 9:00 a.m.

Good afternoon, Chair Kim, Vice-Chair Tsutsui and members of the Committee.

My name is Erik Kvam. I am the CEO of a Hawaii solar power developer called Zero Emissions Leasing LLC ("Zero Emissions").

SB 504 provides for an appropriation of \$207,000 for fiscal year 2009-2010, and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Manoa (UHM). Zero Emissions SUPPORTS enactment of SB 504.

The State's investment of \$207,000 for the program for the first year 2009-2010 and the same for fiscal year 2010-2011 would be returned a minimum of four-fold with \$2million in energy savings at UHM as well as savings at DOE schools and the creation of a green work force.

The goals of the sustainability internship program are to:

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The proposed sustainability internship program would:

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 “I am wondering if your group that did an environmental impact study of a building at UH has a business doing this type of thing? My son's school is facing financial problems and they may have to let go of some teachers. If you have a business doing this I would like to refer his principal to you for a consultation.”
- Create a much needed ‘green’ work force for Hawaii – the fastest growing sectors of Hawaii’s economy is renewable energy: (8.4%, 4 times greater growth than Hawaii’s average) as well as environmental consulting at 4.1% growth
- UH could be the focus of the nation for sustainability that would gain them credibility, financial support as well as a higher student retention rate.

The proposed sustainability internship program would benefit:

Students

- Gain experience and be able to work in a field that they are interested instead of part-time jobs unrelated to professional pursuits or academic life.
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The State of Hawai’i

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- Gives employers opportunities to pilot positions and candidates
- Helps retain HI’s best and most dedicated students

Thank you for providing this opportunity to testify.

kim2 - Arline

From: R.J. Martin [greenhomeshawaii@gmail.com]
Sent: Thursday, February 26, 2009 9:29 AM
To: WAM Testimony
Subject: Testimony in support of Bill SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Testimony of R.J. Martin

Green Homes at Lualualei, LLC.

1700 Makiki St. #123, Honolulu HI, 96822

Cel: 723-5541 or GreenHomesHawaii@gmail.com

In support of Bill SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Before the

COMMITTEE ON WAYS AND MEANS

Friday, February 27, 2009 9 AM

Senator Donna Mercado Kim, Chair

Senator Shan S. Tsutsui, Vice Chair

Aloha Senator Kim, Senator Tsutsui and committee members,

My name is Richard J. Martin. I am the owner/manager of Green Homes at Lualualei, LLC.

Bill SB504 SD1 provides for an appropriation of \$207,000 for fiscal year 2009-2010 and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Hawai'i of Manoa (UHM).

Green Homes at Lualualei, LLC. **supports** enactment of Bill SB504 SD1.

Green Homes at Lualualei, LLC. will be building Oahu's first LEED certified housing development. Green Homes at Lualualei, LLC. will be building affordable homes for the residents of Wai'anae, setting an example of green development and living in order to inspire future developments, and producing a healthy living

environment for Wai'anae residents that fosters a lifestyle connected to the land. As the owner/manager I approached Sustainable Saunders 14 months ago as the Green Homes Project began in order to gain more knowledge of sustainable products, ideas, and building methods. Sustainable Saunders was instrumental in congealing the main goals of the project, and have made direct contributions to numerous aspects of the development. Sustainable Saunders is a guiding force, leading the islands toward respecting the natural resources and preserving the aina for present and future enjoyment and sustenance. As a business owner, I am very interested in hiring a student intern to help with Oahu's first sustainable development and know that an intern from Sustainable Saunders would be a welcomed addition to the development team.

Thank you for providing this opportunity to testify.

--
Sincerely,

R.J. Martin
723-5541

Owner/Manager
Green Homes at Lualualei, LLC.
GreenHomesHawaii.org

Testimony of Brenna St.Onge
UHM Student
1753 Nanea Street, Honolulu, HI 96826
Email: bstonge@hawaii.edu

In support of Bill SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Before the
COMMITTEE ON WAYS AND MEANS

Friday, February 27, 2009 9 AM

Senator Donna Mercado Kim, Chair
Aloha Senator Kim, Senator Tsutsui and committee members,

My name is Brenna St.Onge. I am a student of the University of Hawaii at Manoa and a HUB member of Sustainable Saunders.

Bill SB504 SD1 provides for an appropriation of \$207,000 for fiscal year 2009-2010 and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Hawai'i of Manoa (UHM). Brenna St.Onge **supports** enactment of Bill SB504 SD1.

I am in support of this bill because it provides students like myself an opportunity to become actively involved in sustainable operations and practices. I am a member of Sustainable Saunders and as a group we have accomplished much in the name of sustainability. The opportunity to intern under such an organization is highly in demand.

The State's investment of \$207,000 for the program for the first year 2009-2010 and the same for fiscal year 2010-2011 would be returned a minimum of four-fold with \$2million in energy savings at UHM as well as savings at DOE schools and the creation of a green workforce.

The goals of the sustainability internship program are to:

- create green jobs in Hawaii's fastest growing sectors of the economy
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The Sustainable Saunders program has:

- found \$146,000 in annual no-cost energy savings in Saunders Hall
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The proposed sustainability internship program would:

energy audit UHM's campus with the goal of finding a minimum of \$2million in energy savings campus wide

help DOE schools to find energy savings in response to requests such as these:

"I am wondering if your group that did an environmental impact study of

a building at UH has a business doing this type of thing? My son's school is facing financial problems and they may have to let go of some teachers. If you have a business doing this I would like to refer his principal to you for a consultation."

Create a much needed 'green' work force for Hawaii – the fastest growing sectors of Hawaii's economy is renewable energy: (8.4%, 4 times greater growth than Hawaii's average) as well as environmental consulting at 4.1% growth.

UH could be the focus of the nation for sustainability which would gain it credibility, financial support as well as a higher student retention rate.

The proposed sustainability internship program would benefit:

Students and Youth

Gain experience and be able to work in a field that they are interested instead of part-time jobs unrelated to professional pursuits or academic life.

Training in sustainable practices/principles that can be used for green careers in Hawaii

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Gives employers opportunities to pilot positions and candidates

Helps retain Hawaii's best and most dedicated students

Thank you for providing this opportunity to testify.

Sincerely,

Brenna St.Onge

Testimony of Scott Glenn
Master's Student, Department of Urban and Regional Planning, UHM
1415 Victoria St, #410, Honolulu, HI 96822
Tel: (808) 780-4888
Email: sjglenn@hawaii.edu

In support of Bill SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Before the
COMMITTEE ON WAYS AND MEANS

Friday, February 27, 2009 9 AM

Senator Donna Mercado
Kim, Chair

Senator Shan S. Tsutsui,
Vice Chair

Aloha Senator Kim, Senator Tsutsui and committee members,

My name is Scott Glenn. I am a graduate student of the Department of Urban and Regional Planning, at the University of Hawaii at Manoa. SB 504 provides for an appropriation of \$207,000 for fiscal year 2009-2010 and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Hawai'i of Manoa (UHM). I **support** enactment of SB 504.

Personal testimony to why you are in support of this bill may be here.

The State's investment of \$207,000 for the program for the first year 2009-2010 and the same for fiscal year 2010-2011 would be returned a minimum of four-fold with \$2 million in energy savings at UHM as well as savings at DOE schools and the creation of a green workforce.

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Thank you for providing this opportunity to testify.

Testimony of Jeremy Kowalczyk
Free-Electron Laser Group, University of Hawaii
2505 Correa Rd., Honolulu, HI 96822
Tel:808-956-6252 E-mail:jeremymk@hawaii.edu

In support of SB 504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Before the
Ways and Means Committee

February 27, 2009

Good afternoon **Sen. Donna Mercado Kim, Sen. Shan S. Tsutsui**, Sen. Suzanne Chun Oakland, Sen. J. Kalani English, Sen. Carol Fukunaga, Sen. Brickwood Galuteria, Sen. Clayton Hee, Sen. Gary Hooser, Sen. Michelle Kidani, Sen. Russell Kokubun, Sen. Jill Tokuda, Sen. Fred Hemmings:

My name is Jeremy Kowalczyk. I am a research assistant in the Free-Electron Laser Group and the Energy Coordinator for the Sustainable Saunders initiative, both at the University of Hawaii Manoa.

SB 504 provides for an appropriate of \$207,000 for fiscal year 2009-2010 and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Hawai'i of Manoa (UHM). Jeremy Kowalczyk supports enactment of SB 504.

A sustainability internship program at University of Hawaii at Manoa (UHM) is an essential ingredient in making the university a leader in sustainability, reducing the universities operating budget, and increasing the sustainability of local businesses in Hawaii. In the past year, the Sustainable Saunders initiative at UHM has already managed to save ~\$100,000 annually through elimination of incandescent lights, removal of excess lighting, and night-time shutdowns of the air-conditioning system. Similar programs in Hamilton Library are projected to save ~\$700,000 annually. These are just two of over 50 buildings on campus, so you can see the potential is huge on campus and similar throughout Hawaii. The group has the knowledge and experience to mentor interns in the implementation of such projects both on and off campus.

Not only would the intership program save the University money, but it would also form a symbiotic relationship with the community. Inters would be trained in "green" jobs, readying them for the workforce. A good sustainability rating for the University would draw more students to it. The program will actually become self-sustaining after a couple of years while making the campus and local businesses (those hiring interns) more sustainable.

The State's investment of \$207,000 for the program for the first year 2009-2010 and the same for fiscal year 2010-2011 would be returned a minimum of four-fold with \$2million

in energy savings at UHM as well as savings at DOE schools and the creation of a green workforce.

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Thank you for providing this opportunity to testify.

Testimony of Kate Raastad
University of Hawai'i, Sustainable Saunders
3449A Paalea St.
Honolulu, HI 96816

Tel: (808) 927 7742 E-mail: raastad@hawaii.edu

In support of SB 504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Before the
Ways and Means Committee

February 27, 2009

Good afternoon Sen. Donna Kim, Sen. Shan Tsutsui and Committee Members,

My name is Kate Raastad. I am of the University of Hawai'i, Sustainable Saunders.

SB 504 SD1 provides for an appropriation of \$207,000 for fiscal year 2009-2010 and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Hawai'i of Manoa (UHM). I, Kate Raastad, **support** enactment of SB504 SD1.

This Bill, if passed, would serve as a great opportunity for young □adults to get educated and involved in the sustainable future of our □country. With a world economy currently being in a deep recession, it □is crucial to provide job placements for the incoming graduates as well □as preserve our environment. This Bill, if passed, would not only □bring more revenues that the original expense and revive the economy in □the long run, but will also set us on a right path to a clean and □prosperous future.

The State's investment of \$207,000 for the program for the first year 2009-2010 and the same for fiscal year 2010-2011 would be returned a minimum of four-fold with \$2million in energy savings at UHM as well as savings at DOE schools and the creation of a green workforce.

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- Create a much needed 'green' work force for Hawaii – the fastest growing sectors of Hawaii's economy is renewable energy: (8.4%, 4 times greater growth than Hawaii's average) as well as environmental consulting at 4.1% growth.
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Thank you for providing this opportunity to testify.

Testimony of Melissa Wrobel

University of Hawaii at Manoa Student

4342 Sierra Dr. Honolulu, HI 96816

Tel: (808) 777-0811 E-mail: Wrobel@hawaii.edu

In support of Bill SB504 SD1 RELATING TO THE UNIVERSITY OF
HAWAII

Before the

COMMITTEE ON WAYS AND MEANS

Friday, February 27, 2009 9 AM

Senator Donna Mercado Kim, Chair

Senator Shan S. Tsutsui, Vice Chair

Aloha Senator Kim, Senator Tsutsui and committee members,

My name is Melissa Wrobel. I am a student at the University of Hawaii at Manoa.

Bill SB504 SD1 provides for an appropriation of \$207,000 for fiscal year 2009-2010 and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Hawai'i of Manoa (UHM).

The State's investment of \$207,000 for the program for the first year 2009-2010 and the same for fiscal year 2010-2011 would be returned a minimum of four-fold with \$2million in energy savings at UHM as well as savings at DOE schools and the creation of a green workforce.

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Thank you for providing this opportunity to testify.

From: Daniel A Alexander [danielal@hawaii.edu]
Sent: Wednesday, February 25, 2009 11:28 PM
To: WAM Testimony
Subject: Testimony in support of Bill SB504 SD1

Testimony of Daniel Alexander

Graduate Student at the UH Manoa

2043a 10th Ave. Honolulu, HI 96816

Tel: (808) 275-6717 E-mail: danielal@hawaii.edu

In support of Bill SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Before the

COMMITTEE ON WAYS AND MEANS

Friday, February 27, 2009 9 AM

Senator Donna Mercado Kim, Chair

Senator Shan S. Tsutsui, Vice Chair

Aloha Senator Kim, Senator Tsutsui and committee members,

My name is Daniel Alexander. I am a graduate student at the University of Hawaii at Manoa.

I have worked with Sustainable Saunders for one year and a half. Working with the group has been foundational in directed my interests towards sustainability. During the time I have worked with Sustainable Saunders we have been entirely unfunded, yet we have achieved extraordinary things (some of which are listed below). To this a logical response might be, then why should we fund this group if they accomplish so much without funding. The answer is, Sustainable Saunders is an amazing group; it is the product of a coalescing of amazing leadership, amazing group dynamics and amazing ambition. The point is Sustainable Saunders is not a normal outcome, it is something extraordinary which does not happen everyday. What this bill offers is the opportunity to institutionalize this amazing group and to insure that our work continues to take place.

Bill SB504 SD1 provides for an appropriation of \$207,000 for fiscal year 2009-2010 and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Hawai'i of Manoa (UHM).

I, Daniel Alexander, **support** the enactment of Bill SB504 SD1.

The State's investment of \$207,000 for the program for the first year 2009-2010 and the same for fiscal year 2010-2011 would be returned a minimum of four-fold with \$2million in energy savings at UHM as well as savings at DOE schools and the creation of a green workforce.

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Thank you for providing this opportunity to testify.

kim2 - Arline

From: Erich.F.Klein@uscg.mil on behalf of Klein, Erich CDR [Erich.F.Klein@uscg.mil]
Sent: Thursday, February 26, 2009 8:03 AM
To: WAM Testimony
Subject: University of Hawaii Sustainable Saunders Internship Legislation

CDR E. F. Klein, Comptroller
US Coast Guard Integrated Support Command Honolulu, HI 96819
842-2801
Erich.f.klein@uscg.mil

In support of Bill SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII COMMITTEE ON WAYS AND MEANS

Friday, February 27, 2009 9 AM

Senator Donna Mercado Kim, Chair

Senator Shan S. Tsutsui, Vice Chair

Aloha Senator Kim, Senator Tsutsui and committee members,

My name is Commander Erich Klein. I am the comptroller for the Sand Island Coast Guard base. We are currently undertaking an effort to reduce our impact on the environment with projects underway to reduce electricity and water usage. We have a refuse contract coming up for renewal, and have entered into an agreement with UH to have student interns analyze our waste stream to determine the most efficient methods to reduce the flow of materials to the landfill through recycling, procurement of environmentally products, and redirection of green waste. The UH Sustainable Saunders program has a proven track record and an expertise that we can tap into to sustain our environment. We have hired two interns for work that will actually start today. We are interested in continuing projects with UH interns and hope that this program will be available in the future.

Thank you for providing this opportunity to testify.

Testimony of David Aquino
Student at UH Manoa

Tel: 808-842-7901

E-mail: daquino@hawaii.edu

In support of SB 504 RELATING TO THE UNIVERSITY OF HAWAII

Before the
Committee of Ways and Means

Friday February 27, 2009 9AM

Senator Donna Mercado Kim, Chair

Senator Shan S. Tsutsui, Vice Chair

Aloha Senator Kim, Senator Tsutsui and committee members,

My name is David Aquino. I am a student of the University of Hawaii Manoa

Bill SB504 SD1 provides for an appropriate of \$207,000 for fiscal year 2009-2010 and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Hawai'i of Manoa (UHM).

David Aquino **supports** enactment of Bill SB504 SD1.

I was born and raised on this island of Oahu. I graduated from Roosevelt High School in 2005 and was very interested in extending my education in the environmental policy field focusing on sustainable development, but at the time there were no opportunities easily accessible to me. I planned on attending UH Manoa for two years before moving away to San Francisco to pursue environmental policy there. But, just last year I came across an amazing group of students, faculty and community members working for the same sustainable vision that I wanted to pursue, and that group was Sustainable Saunders. I learned about the possibility of creating our very own Sustainability Internship Program and my eyes were suddenly opened to the endless possibilities for sustainable initiatives right here at home in the islands. We have the chance, the man power and the passion to make the University of Hawaii and the State of Hawaii the leader for sustainable initiatives in the nation. With the establishment of a sustainable internship program, I think it will give students just like me the incentive and opportunity to stay here in the islands to contribute our knowledge and creativity to the sustainable movement here in Hawaii. For the cleaner, economically vibrant and socially solid future of our beautiful State of Hawaii, please pass Bill SB504 SD1.

The State's investment of \$207,000 for the program for the first year 2009-2010 and the same for fiscal year 2010-2011 would be returned a minimum of four-fold with \$2million in energy savings at UHM as well as savings at DOE schools and the creation of a green workforce.

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Thank you for providing this opportunity to testify.

Testimony of Ivory McClintock
Student at Univesrity of Hawai'i at Manoa
247 S. Kalaheo Ave.
Kailua, HI. 96734

Tel: 808-652-9564 E-mail: ivorym@hawaii.edu

In support of SB 504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Before the
Ways and Means Committee

February 27, 2009

Good afternoon Sen. Donna Mercado Kim, Sen. Shan S. Tsutsui , Sen. Suzanne Chun Oakland, Sen. J. Kalani English, Sen. Carol Fukunaga, Sen. Brickwood Galuteria, Sen. Clayton Hee, Sen. Gary Hooser, Sen. Michelle Kidani, Sen. Russell Kokubun, Sen. Jill Tokuda & Sen. Fred Hemmings:

My name is Ivory Kealani McClintock and I strongly urge you to support Bill SB 504 SD 1 for the Sustainable Saunders Internship Program. As a student here at UHM I would love to be able to be a part of this program in order to further my skills in sustainable and green work ethics. I grew up here in Hawai'i, on the small island of Kaua'i and I hope to someday be able to raise a family here as well.

Before I began with Sustainable Saunders I had planned on majoring in Political Science and furthering my education on the mainland where there is much more emphasis in environmental and sustainable education as well as opportunities for after college. I know there are many students and young people like me that either are planning on doing this, or are already on the mainland pursuing this extremely popular field of sustainability. This program will allow the children of Hawai'i to be able to once again become the stewards of these islands as we were meant to be, so that we can take care of her as she has and continues to take care of us. So that we are not forced into working lower income jobs in hotels and tourism holding degrees of Biology, Engineering, Political Science etc. We will be able to be proud of what we do and see the results in a positive way for many generations to come.

Let us look towards our future now, do you see it the way that is going, as continual growth of hotels until all of Hawai'i is one big Waikiki, losing its uniqueness? Or can we revert back to how it was once, being able to sustain ourselves and work in communities that are closely tied together? I hope that you push this bill through so that we can make a difference and be the leaders to inspire others to learn how we can all be more sustainable and efficient.

SB 504 SD1 provides for an appropriation of \$207,000 for fiscal year 2009-2010 and the same amount for fiscal year 2010-2011, to establish a sustainability internship program at the University of Hawai'i of Manoa (UHM). I, Ivory Kealani McClintock, **support** the enactment of SB504 SD1.

The State's investment of \$207,000 for the program for the first year 2009-2010 and the same for fiscal year 2010-2011 would be returned a minimum of four-fold with \$2million in energy savings at UHM as well as savings at DOE schools and the creation of a green workforce.

The goals of the sustainability internship program are to:

- create green jobs in Hawaii's fastest growing sectors of the economy
- save the University of Hawaii and the State millions of dollars in operating costs each year
- train DOE schools to substantially cut operating costs through energy efficiency
- create opportunities for students to gain empowering experience, supportive connections and access to green careers in Hawaii

The Sustainable Saunders program has:

- found \$146,000 in annual no-cost energy savings in Saunders Hall
- found \$700,000 in annual no-cost energy savings in the Hamilton Library
- shown the potential for similar campus wide savings in that **UHM** uses 3.2x the amount of energy/sqft as UCSanta Barbara

The proposed sustainability internship program would:

- energy audit UHM's campus with the goal of finding a minimum of \$2million in energy savings campus wide
- help DOE schools to find energy savings in response to requests such as these:
 - "I am wondering if your group that did an environmental impact study of a building at UH has a business doing this type of thing? My son's school is facing financial problems and they may have to let go of some teachers. If you have a business doing this I would like to refer his principal to you for a consultation."
- Create a much needed 'green' work force for Hawaii – the fastest growing sectors of Hawaii's economy is renewable energy: (8.4%, 4 times greater growth than Hawaii's average) as well as environmental consulting at 4.1% growth.
- UH could be the focus of the nation for sustainability that would gain them credibility, financial support as well as a higher student retention rate.

The proposed sustainability internship program would benefit:

Students and Youth

- Gain experience and be able to work in a field that they are interested instead of part-time jobs unrelated to professional pursuits or academic life.
- Training in sustainable practices/principles that can be used on resume as well as makes connections and networks within the same field.

The UHM Campus

- Gives national recognition for sustainability
- Attracts more students that are interested in sustainability
- The program is based on a proven business model that has been financially self-sustaining within two years at Harvard and UC Berkeley.

The state of Hawai'i

- Creates an experienced, educated workforce for growing economic sectors as well as affordable entry-level positions in sustainability.
- Gives employers opportunities to pilot positions and candidates
- Helps retain Hawaii's best and most dedicated students

Thank you so much for providing this opportunity to testify.

Aloha,
Ivory K. McClintock

kim2 - Arline

From: kevincmweng@gmail.com on behalf of Kevin Weng [kevin.weng@hawaii.edu]
Sent: Wednesday, February 25, 2009 2:49 PM
To: WAM Testimony
Subject: Sustainable Saunders: SB504 SD1 RELATING TO THE UNIVERSITY OF HAWAII

Dear Senator Kim, Senator Tsutsui and committee members,

Please support Bill SB504 SD1

When looking at shrinking budgets, please consider investments that rapidly pay off bigger than the initial investment. Bill SB504 SD1 will accomplish this. UH Manoa presently uses much more energy than is necessary to support its operations, due to various inefficient processes. By evaluation the University's energy usage and improving its efficiency, we will be able to greatly reduce the money spent, and help the University and the State to control spending.

In addition, the improvements in efficiency will reduce our impact on the environment and show that Hawaii is a leader in sound environmental practices.

I urge you to support this bill.

Thanks,

Dr. Kevin Weng (Oceanography Dept)