



LINDA LINGLE
GOVERNOR
THEODORE E. LIU
DIRECTOR
MARK K. ANDERSON
DEPUTY DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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

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

Statement of

THEODORE E. LIU
Director

Department of Business, Economic Development, and Tourism

before the
**HOUSE COMMITTEE ON ECONOMIC DEVELOPMENT &
BUSINESS CONCERNS**

Tuesday, March 11, 2008
8:30 a.m.

State Capitol, Conference Room 325

in consideration of
SB 2480 SD2

RELATING TO TECHNOLOGY WORKFORCE AND DEVELOPMENT.

Chair Yamashita, Vice Chair Wakai, and Members of the Committee.

The Department of Business, Economic Development & Tourism supports SB 2480 SD2, which would amend Act 111 to provide additional funds to meet the demand for science, technology, engineering, and math (STEM) programs in Hawaii's public schools, change the means of financing some of these programs, include funding for Project EAST, add funds to support K-12 creative media education programs, and establish a science, technology and education special fund.

As you know, many of the measures in Act 111 and other STEM education proposals were strongly supported by the Administration during the 2007 Legislature and the various agencies that were assigned responsibility to implement them have been working to make them a reality. It is the vision of the Governor that all schools who wish to adopt STEM programs have that opportunity. We note that any additional funds have not been included in this year's updated six-year financial plan.

The Administration continues to place a high priority on empowering our public school system with increased opportunities to improve STEM education and believes that a good start has been made. Education programs that weave the arts and sciences together to engage a broad spectrum of students, such as the proposed Creativity Academies, as well as Project EAST, are important to expanding the reach of STEM education statewide. It is important that we have an inventory of all the worthy projects in our schools, in addition to the STEM academies and Project EAST mentioned in this bill, so that working together, DBEDT, the Department of Education, the University of Hawaii, and all the STEM education stakeholders can develop a system of programs that engages and challenges our students in ways that lead to STEM careers and build a workforce that incorporates STEM skills in every occupation.

We hope that a long-term funding strategy can be developed that does not rely on yearly appropriation bills, but rather on expanded core budgets to create STEM programs, as part of our schools regular curriculum and extra-curricular activities. In regard to the creation of a special fund, we defer to the Department of Budget & Finance.

Thank you for the opportunity to offer these comments.

WRITTEN ONLY

TESTIMONY BY GEORGINA K. KAWAMURA
DIRECTOR, DEPARTMENT OF BUDGET AND FINANCE
STATE OF HAWAII
TO THE HOUSE COMMITTEE ON ECONOMIC DEVELOPMENT
AND BUSINESS CONCERNS
ON
SENATE BILL NO. 2480, S.D. 2

March 11, 2008

RELATING TO TECHNOLOGY WORKFORCE AND DEVELOPMENT

Senate Bill No. 2480, S.D. 2, establishes the Science Technology and Education Special Fund to provide additional resources and expertise to stimulate the interest and achievement of students in science, technology, engineering, and mathematics skills.

The special revolving fund would be funded through legislative appropriations, private contributions, and other sources. The bill further provides that the appropriation under Act 111, SLH 2007, for FY 09 would be deposited into the special fund.

As a matter of general policy, this department does not support the creation of any special or revolving fund which does not meet the requirements of Sections 37-52.3 or 37-52.4 of the Hawaii Revised Statutes. Special or revolving funds should: 1) reflect a clear nexus between the benefits sought and charges made upon the users or beneficiaries of the program; 2) provide an appropriate means of financing for the program or activity; and 3) demonstrate the capacity to be financially self-sustaining. It is difficult to determine whether the fund will be self-sustaining.

Date of Hearing: March 11, 2008

Committee: House Economic Development &
Business Concerns

Department: Education

Person Testifying: Patricia Hamamoto, Superintendent

Title: S.B. 2480, SD2, SSCR2844, Relating to Technology Workforce and Development

Purpose: Amends Acts 111 and 271, Session Laws of Hawaii 2007, to appropriate funds for the support and expansion of existing creative media education programs such as robotics, research experiences for teachers, and project EAST programs while supporting the recently developed, Hawaii excellence through sciences and technology academy pilot programs

Department's Position: While the Department of Education (DOE) supports STEM and creative media education programs. The DOE recommends that the STEM and creative media education programs to be facilitated jointly by the University of Hawaii and the DOE. The DOE recommends that funding appropriation for DOE related programs for this initiative to be transferred to the DOE as the expending agency.



UNIVERSITY OF HAWAII SYSTEM

Legislative Testimony

**Testimony Presented Before the
House Committee on Economic Development & Business Concerns**
March 11, 2008 at 8:30 a.m.
State Capitol, Conference Room 325

by

Virginia S. Hinshaw, Chancellor
and
Peter Crouch
Dean, University of Hawai'i at Mānoa College of Engineering

SB 2480 SD2 – RELATING TO TECHNOLOGY WORKFORCE AND DEVELOPMENT

Chair Yamashita, Vice Chair Wakai and Members of the Committee on Economic Development & Business Concerns.

Good morning. I am Peter Crouch, Dean of the University of Hawai'i College of Engineering.

I appreciate the opportunity to provide testimony in support of SB2480, SD2 and commend the commitment of the Legislature to provide the opportunities and resources required to advance STEM education and experiences through various successful programs.

I have been Dean at the College for just over a year and a half. I recall that shortly after arriving to Hawai'i, I was amazed at the variety of programs and the number of organizations involved in advancing Science, Technology, Engineering and Mathematics (STEM). Robotics, RET, Project EAST, HiEST Academies, STEM teacher development, creative media program and numerous other initiatives provide for a variety of engaging STEM experiences.

Most recently the 2007 State Legislature passed and Governor Lingle signed ACT 111 into law. This resulted in statewide implementation of the Administration's *Innovation in Education Initiative – Fostering Innovation and Relevance through Science and Technology – Pre-Academy Program*. The robotics competitions will provide hundreds of students and teachers with hands on experience as problem solving members of a robotics team and bring them in contact with peers from across the state and nation. Students will have rich opportunities for creative thinking and discovery as well as a chance to see themselves in a global perspective.

The Research Experiences for Teachers – Middle School Program is a cross-disciplinary educational partnership driven by the needs and requirements of teachers, and by technological advancements in engineering, specifically in advanced wireless communications. It is a unique model which will bring innovation and excitement into the middle schools classrooms.

I want to take this opportunity to recognize our faculty, Dr. Magdy Iskander who together with his graduate and undergraduate students took a small National Science Foundation RET pilot program and transformed it into a model which is gaining national interest. RET has already made a difference in five public middle schools and engaged hundreds of teachers and students with state-of-the-art wireless communication tools and lab content. I think it quite remarkable to have internationally renowned faculty working together with middle school teachers to bring the exciting field of advanced communication, electro-magnetic spectrum, signal strength processing, and antenna design to the middle school level. These technologies and content areas are the guts behind the “toys” our pre-teen and teenagers grow up with. The subject matter supports the content standards and is made relevant by means of exciting applications.

As Dean of the College of Engineering I am encouraged by the State’s commitment to STEM learning and I look forward to extending the pipeline through the postsecondary level.

Entering the next century Hawai’i faces a serious shortage of engineers required to support our high technology, construction, and infrastructure related State and City agencies. The shortage of engineers and technical talent is a national crisis and one which is being addressed by major government and industry stakeholders. Locally, the high demand for engineering graduates at the College’s twice-yearly career fairs is a key indicator that the shortage is real and current.

We believe that a new vision and a bold plan is imperative for our 100 year old College. Our “Fifteen Year Vision” for the University of Hawai’i College of Engineering is summarized in the following statement: Being recognized within the Pacific Rim for its unique and distinctive characteristics emanating from its roots in the Hawaiian and Pacific Island communities, its oceanic environment and its East-meets-West location; delivering a significant proportion of the State’s engineering and construction sector workforce, and playing an important role in attracting and retaining high technology personnel and companies to the State; achieving a stellar national reputation for its programs rooted in the one hundred year old teaching tradition that attracts an increasing number of the State’s K-14 students to the College’s programs; supporting an internationally competitive extramural research agenda and being recognized as “National Class” through steadily improving rankings.

Thank you very much for the opportunity to provide testimony.

**Testimony Presented Before the
Committee on Economic Development and Business Concerns**

March 11, 2008

8:30 a.m.

State Capitol, Conference Room 325

by

Magdy F. Iskander

Professor and Director, Hawaii Center for Advanced Communications
University of Hawai'i at Mānoa College of Engineering

SB 2480, SD2 – RELATING TO TECHNOLOGY WORKFORCE AND DEVELOPMENT

Chair Yamashita, Vice Chair Wakai and Members of the Committee on Economic Development and Business Concerns.

My name is Magdy Iskander, Professor and Director of the Hawaii Center for Advanced Communications, University of Hawaii College of Engineering.

I appreciate the opportunity to provide testimony in strong support of SB 2480 and the Legislature's commitment to STEM education and technology workforce development.

And these are the reasons why:

- I mentioned in an earlier testimony for the implementation of the RET part of ACT 111, that the Hawaii Center for Advanced Communications is committed to the continued success of this visionary initiative, which is already achieving excellent results in Hawaii's middle schools.
- We are looking forward to continued collaborative efforts between the University of Hawaii, the schools, the State DOE, corporate sponsors, proactive members of the community, and federal agencies such as the National Science Foundation which provided the seed funds for the program.
- We have so far met and worked with teachers and in some case principals from many schools from across that State and we are delighted with the high level of commitment and enthusiasm for introducing excitements and appreciation for learning Science, Technology, Engineering and Math (STEM) in middle schools curriculum. We all understand the impact that this is going to have on our State in the form of creating a qualified work force and on the ultimate economic development in the State
- I understand that this bill is an opportunity to address the impact of the significant delay in the release of ACT 111 funds. This will help ensure greater planning, stability, and sustainability of the RET program.

Thank you very much for the opportunity to share with you these thoughts and provide this supporting testimony.

Statement of Art Kimura, Education Specialist, Hawaii Space Grant Consortium, University of Hawaii at Manoa, 1680 East West Road, POST 501, Honolulu, HI 96822, phone (808) 934-7261, email: art@higp.hawaii.edu

before the

HOUSE OF REPRESENTATIVES

THE TWENTY-FOURTH LEGISLATURE

REGULAR SESSION OF 2008

Economic Development & Business Concerns Committee

Tuesday, March 11, 2008

8:30 A.M.

State Capitol, Conference Room 325

in consideration of

Senate Bill 2480, S.D. 2

Relating to Technology Workforce and Development

Chair Yamashita, Vice Chair Wakai and Members of the Economic Development & Business Concerns Committee

I support Senate Bill 2480 SD 2 which appropriates additional funds for the support and expansion of existing scholastic robotics programs.

One of the outcomes in support of catalyzing student interest in science, technology, engineering and math in the 2007 legislative session was Act 111 which in part, established a pre academy program that provided project based learning using robotics. Scholastic robotics programs in Hawaii have significantly increased not only in the availability of a variety of programs from elementary through high school but in ever expanding participation by students statewide. Hawaii is host to a number of nationally affiliated scholastic robotics programs including FIRST, FIRST Lego League, Botball, and underwater remotely operated vehicles through regional tournaments held in Hawaii, with winners advancing to national tournaments.

Eight years ago, two Hawaii public high schools first competed in the FIRST robotics competition in regional tournaments held in California. In 2008, Hawaii will host its first FIRST Robotics Regional Competition at the Stan Sheriff Center, University of Hawaii, with 37 high school teams, including 25 from Hawaii. NASA has provided \$800,000 over four years to host the tournament and provide team scholarships. BAE Systems has donated \$107,000 to fund College of Engineering scholarships for FIRST participating students and will be funding

registration fees for up to six teams from the Hawaii FIRST regional to compete in the national FIRST tournament in Atlanta's Super Dome. Hawaii teams have demonstrated consistently their national competitiveness by winning first place, gold awards, and numerous other recognition for their web site design, their engineering of their robot, and their entrepreneurship.

The FIRST Lego League program has grown from less than 12 teams four years ago to over 80 teams in 2007 with an anticipated growth to 120 teams in 2008. The Botball robotics program in five years has grown to become the second largest regional tournament in the United States at 38 teams, and in 2007, Hawaii hosted a national robotics tournament (Botball) and the National Conference on Educational Robotics which drew the largest participation in that program's history at 65 teams including 45 from out of state.

In addition, a program to be introduced in fall, 2007, VEX, will provide a unique opportunity for Hawaii to host an annual world championship including as many as 90 teams from Asia and the mainland United States as well as Hawaii. Waiakea High School became not only the first high school from the United States to compete in the International Micro Robot Maze Competition in Nagoya, Japan, but returned after having competed against high school and college teams from Japan and Korea and winning three significant awards.

The mentor for this team, Riley Ceria, is a graduate of the University of Hawaii's College of Engineering who participated in a robotics program called Micro Mouse during his undergraduate study, which provided the foundation for his interest and expertise in mentoring the high school team. One of the team members, Kelson Lau, a junior at Waiakea High School, has designed and fabricated a bipedal robot which uses 8 motors (the Japanese bipedal robot used 3 or 4 motors) which was entered in the Big Island Science and Engineering fair; Kelson's project won 2nd place overall and he received an all expense paid trip to compete in the International Science and Engineering Fair in Atlanta in May 2008. In addition, his project received 9 other noteworthy awards as follows:

Best in Subject Category-Engineering: Electrical and Mechanical
Best Science and Engineering Award
Harold Sanders Outstanding Inventors Award
Best in Technology Award
HELCO Best in Engineering/Environmental Award
U.S. Air Force Award
Mauna Kea Observatories Outreach Committee Astronomy Research Award
Canada/France/Hawaii Telescope Award

The international competition provides us with a measurement of the quality of students and mentors that we have in Hawaii. If we expect our students to compete in a global environment, we need to continue to provide our students with the opportunity to compete in national and international competitions. He is applying for a NASA summer internship.

Why robotics in schools?

- Increases the technological literacy of students and adults by making abstract concepts concrete (standards).

- Strong motivator for mathematics and science learning, leading to careers in science, technology and engineering with ultimate impact on national security, the economy, and leadership in development of future technologies (work force development).
- Catalyst for integrating knowledge from all disciplines, including mathematics, science, social studies, English language arts, art, etc.
- Sports like games and challenges with culminating tournament sports for the brain....keeps students engaged after school and on weekends (keeping them drug free).
- Develops team work, communication skills, critical thinking skills, problem/project/contextual based learning (DOE General Learner Objectives).
- The current and other programs provide a variety of opportunities in robotics for elementary and secondary schools, informal education.
- Potential for international participation, with Hawaii as the hub of robotics tournaments, exhibitions, and professional conferences on robotics (elevating expectations, technotourism for economic development). Inspirational professional development both locally, nationally and internationally.

Scholastic robotics is an integral part of the technical work force development pipeline which spirals from elementary to middle to high school and to undergraduate and graduate study at the university. It serves to provide a means to foster integration of research and development of robotics as applied to various fields of academic interest and applications to agriculture, medicine, engineering, homeland security, manufacturing, and the marine and aerospace environment. A two year member of the Farrington High School Botball robotics team was recently accepted to MIT to study engineering; he is already looking an internship in robotics at the undergraduate level. Through the resources made available to schools, students will continue to have access to cutting edge technology and learning opportunities by competing at the national and international level. With much appreciation to the legislature and our community for supporting our schools with resources and mentors, we are providing a means to inspire the next generation of explorers, scientists and engineers.

Thank you for the opportunity to provide these comments.

**Testimony Presented Before the
Committee on Economic Development and Business Concerns**

March 11, 2008

8:30 a.m.

State Capitol, Conference Room 325

by

Jodie M. Bell

Graduate Assistant, Hawaii Center for Advanced Communications
University of Hawai'i at Mānoa College of Engineering

SB 2480, SD2 – RELATING TO TECHNOLOGY WORKFORCE AND DEVELOPMENT

Chair Yamashita, Vice Chair Wakai and Members of the Committee on Economic Development and Business Concerns.

My name is Jodie M. Bell, Graduate Assistant with the Hawaii Center for Advanced Communications, University of Hawaii College of Engineering, current Ph.D. candidate in Electrical Engineering, and former attendee of the University of Hawaii at Hilo.

I appreciate the opportunity to provide testimony in strong support of SB 2480 and the Legislature's commitment to STEM education and technology workforce development.

And these are the reasons why:

- I have been working with the teachers and students who participate in the RET program at Kawanakoa Middle School and Dole Middle School on Oahu as well as Keaau Middle School and Honokaa Middle School on the Big Island for the past four and a half years developing labs and projects and assisting the students in their experiments.
- Additionally, I have helped install wireless networks in the schools and taught the teachers and students how to properly use the wireless networks.
- Through my experiences I have noticed that the teachers and students are very excited to participate in the RET program and implement the labs and technologies such as PDAs, computers, and measurement probes in the classroom.

Thank you very much for the opportunity to share with you these thoughts and provide this supporting testimony.

**Testimony Presented Before the
Committee on Economic Development and Business Concerns**

March 11, 2008
8:30 a.m.

State Capitol, Conference Room 325

by

Chad Takahashi

Engineer, Hawaiya Technologies,
former Graduate Assistant, Hawaii Center for Advanced Communications
University of Hawai'i at Mānoa College of Engineering

SB 2480, SD2 – RELATING TO TECHNOLOGY WORKFORCE AND DEVELOPMENT

Chair Yamashita, Vice Chair Wakai and Members of the Committee on Economic Development and Business Concerns.

My name is Chad Takahashi, Engineer with Hawaiya Technologies, Aiea, Hawaii, and former Graduate Assistant with the Hawaii Center for Advanced Communications, University of Hawaii College of Engineering. I received a Masters Degree in Electrical Engineering at the University of Hawaii.

I appreciate the opportunity to provide testimony in strong support of SB 2480 and the Legislature's commitment to STEM education and technology workforce development.

And these are the reasons why:

- I worked with teachers, Judy Inouye and Aric Oumi, from Kawanānakoā Middle School when the RET program started with support from the National Science Foundation and saw first hand the enthusiasm and excitement for this program both by the teachers and also the students.
- I gave presentations in the classroom on wireless and the use of PDAs, and also traveled with the group to the Big Island for a field trip in November 2004. We collected data and sent the data wirelessly to the school for analysis on the laptops.
- It was a great experience and, to this end, I strongly agree that the RET program fully supports the teachers involved in this program.

Thank you very much for the opportunity to share with you these thoughts and provide this supporting testimony.

**Testimony Presented Before the
Committee on Economic Development and Business Concerns**

March 11, 2008

8:30 a.m.

State Capitol, Conference Room 325

by

Judith Inouye

RET Teacher Coordinator

SB 2480, SD2 – RELATING TO TECHNOLOGY WORKFORCE AND DEVELOPMENT

Chair Yamashita, Vice Chair Wakai and Members of the Committee on Economic Development and Business Concerns

**I appreciate the opportunity to provide testimony in strong support of SB 2480,
SD2**

I am Judith Inouye, recently retired Science / Math / Reading teacher from Kawanānakoā Middle School. Throughout my teaching career, I witnessed first hand how middle school students learn and become motivated through meaningful curriculum. My last year of teaching (2004-2005 SY) was perhaps my most exciting year because of my participation in the RET project. Since my retirement in summer 2005, I have continued to participate in the RET project as a teacher coordinator. The curriculum generated through collaboration between classroom teachers and HCAC staff validates a strong focus in the STEM philosophy.

I would like to thank you for the passage of ACT 111. This legislation will allow HCAC to expand the program to additional schools and provide teachers needed classroom support. The curriculum generated through collaboration between classroom teachers and HCAC staff validates a strong focus in the STEM philosophy.

In the past three years some very effective project models have been developed. These models involve different organizational structures to provide students with meaningful curriculum. One model involved collaboration between a math and a science teacher to do field activities. Another model utilized the team approach where the core (math, science, language arts, and social studies) teachers met many times to develop and implement many standards based units. I believe that by empowering teachers with resources and support provided by ACT 111, more unique models will emerge.

In the various models, teachers used technology to teach fundamental science and math concepts as well as inquiry skills. It's a great way to motivate students! Rapid changes in technology make it imperative that teachers be provided with the means to be at the cutting edge.

Summer workshop seminars have been held to provide teachers with knowledge regarding research occurring in the various disciplines. These summer workshop seminars have also provided a very meaningful way by which teachers and HCAC staff could interact to share curriculum as well as to discuss problem areas.

I believe that the RET Project can impact many more teachers and students. Please support SB 2480, SD2.

Thank you very much for the opportunity to provide testimony.

March 10, 2008

Committees: Economic Development and Business Concerns Tourism and Culture

Chairs Kyle Yamashita and Ryan Yamane:

We are writing this letter to express our strong and wholehearted support for Senate Bill SB 2480. We would first like to thank the committee members in advance for their time in considering our testimony.

As educators in the Searider Productions (SP) integrated journalism and digital media education program at Waianae High School, we feel compelled to describe in more detail why we believe the passage of SB 2480 is important for Hawaii.

Many of you are familiar with the success our program. We feel that we have validated the fact that digital media education programs can reach Hawaii's youth, even the most at-risk and disaffected, and prepare them for success in higher education and the workplace. We thank all of you who have helped us in the past with previous bills that have supported digital media education in Hawaii, and are again grateful that language has been added to this bill specifying support for after-school media programs.

One of the most important reasons for our success is our belief that all of our kids, like most humans, have an innate desire to tell stories. We harness that desire and involve students in projects incorporating the following activities:

- students must conduct research and capture their findings in writing, activities most similar to traditional academic disciplines such as Language Arts and Social Studies
- students must create final products using the latest digital media technologies with multimedia components including video, audio, web, computer-based design, animation, and motion graphics
- students must work in groups modeled on production-based teams like those found in print and broadcast journalism or creative media industries

We believe that by providing our youth these types of experiences, we are preparing them to become leaders in making Hawaii's diverse innovation-based economy a reality.

Every year we take our kids from Wai`anae to mainland conventions and competitions with kids from all over the US, many from schools in America's most affluent communities. This year, Hawaii was represented by Moanalua, Kapolei, Campbell, Aiea, Mililani, Maui, & Kamehameha (Maui campus) High Schools as well as Wai`anae Inter, Chiefess Kamakahahele & Kawanakoa Middle Schools. Each year, our Hawaii students, many of whom are considered some of the most at-risk in the country, not only hold their own but often win. For our students, this is often an eye-opening, life-changing experience. They really come to believe that they are good at what they do and can perhaps make a career of it.

While our experience and successes have been with creative media production, we believe the same type of success can occur in engineering programs where students both explore problems and design solutions using technology, scientific inquiry, and mathematical analysis. In our case, we leverage the innate human desire to tell stories and share ideas with others. But we also believe that the innate human desire to solve problems and understand the world around us is just as powerful a motivator for success. We see many parallels between the successful technology-based engineering programs, such as robotics, and digital media production programs such as ours.

A true innovation economy allows a broad range of creative human endeavors to flourish, whether one is telling a story in a new way or coming up with an innovative solution to a vexing problem. And to build this diverse, strong economy for Hawaii in the 21st century, we must encourage our youth to leverage their creative interests, whether those interests involve creative media production, designing engineering solutions, or solving scientific problems.

We strongly support this bill because it encourages all students, no matter what their creative interest, to help create and become successful participants in Hawaii's innovation economy.

L. Candy Suiso
Program Director

Lorraine Gershun
Publications Adviser

Mike O'Connor
Digital Design Adviser

John Allen III
Video Production Adviser

Appendix B
Awards and Honors
2006-2007

Wai'anae High School Searider Productions

Olelo Youth Xchange 2007

- 1st Place Animation Category Judge's Choice Award: "Nani's Struggle"
- Finalist – Expert Category
"Math Class": Laurissa Asuega, Reef Shook
"Determination" Missy Trippett, Marshall Mole

International Student Media Festival

- Aprilyn Baniaga was selected for the Al Neuharth Free Spirit Scholarship
- Live Action: "Working It Out" Best of Festival
Kainoa Aila, James Kapu- Kaaihue, Jasmine Jeremiah, Kapena Worden
- "The Tao Of Zhungguo"
Shauntel Paaluhi, Ashley Ako, Monet Sadural
- "Art In Public Places Program" Best of Festival
Chad Brown, Nick Smith, Solomon Alfapada
- "ACT 51" Judges' Favorite
Kainoa Aila, Chad West

Student Television Network Fall Nationals 2006

- 1st Place – Animation Wai'anae HS "Resident Awesome 2"
Daniel Hedland, Adam Cannon, Matt Hines
- 1st place – Commercials "Locally Grown"
Kainoa Aila, Marshall Mole, Reef Shook, James Kapu-Kaaihue,
- 2nd Place - PSA/Promo "Motivation" --SP Staff
- Honorable Mention - PSA/Promo "Determination" --SP Staff

Student Television Network - Spring Nationals 2006

- Honorable Mention – Animation "Resident Awesome"
Matt Hines, Dan Headland
- 3rd Place - Human Interest Feature Story "JROTC Adventure Challenge"
April Baniaga, Deva Joy Dannog
- 1st Place - Music Video "Up, Down, Side to Side"
Alapaki Silva, Jasmine Jeremiah
- 2nd Place - Music Video "Hunny Hunting"
Ito Fualaau, Kainoa Aila
- 2nd Place - PSA/Promo "No Excuse"
Cherell Keamo, Rachael Frederick, Jonalyn Arao
- 3rd Place - PSA/Promo "What Does Your Sign Say"
Pricilla Mathewson, Justine Campos, Jasmine Jeremiah
- Honorable Mention - Sports News "Baseball"
Chelsea Okada, Deva-Joy Dannog
- Honorable Mention - Sports News "Pro Bowl 2006"
Katie Hoppe, Kainoa Aila
- Honorable Mention - Monthly Show "Searider News"

Priscilla Mathewson, Justine Campos

Student Television Network News Feature Challenge 2006

- 2nd Place - News Feature "The Measurements of Life"
Kainoa Aila, Chonte Fujioka, Ito Fuaalau, Piilani Matutino

Student Television Network - Sports Feature Challenge 2006

- 1st place - Sports Feature "A Paddle Through Time"
Priscilla Mathewson, Katie Hoppe, James Kapu-Kaaihue, Justine Campos

Student Television Network - 2006 Convention Awards

- 1st Place – Newswriting: Jazlyn Wandasan
- Honorable Mention - Collaborative Commercial: Cherell Keamo

Student Television Network - 2007 Convention Awards

- 2nd Place - Sweet 16 Competition: "Inspiration"
- 2nd Place - PSA/Promo "BYOB" Laurissa Asuega, Martinea Trippett

Student Television Network - Sports Feature Challenge 2007

- 1st place - Sports Feature
Jonalyn Arao, Malie Pine, Bryson Armitage, Raquel Taylor

National Association of Television Arts and Sciences 2007 Student Emmy

- 1st place – Sports "About The Ride"
- Jonalyn Arao, Malie Pine, Bryson Armitage, Raquel Taylor

National Association of Television Arts and Sciences 2006 Student Emmy Awards

- National 1st place - Sports
Priscilla Mathewson, Katie Hoppe, James Kapu-Kaaihue, Justine Campos
- SoCal Chapter 1st place – Sports "A Paddle Through Time"
Priscilla Mathewson, Katie Hoppe, James Kapu-Kaaihue, Justine Campos
- So Cal Chapter 1st Place Public Affairs/Community Service/Public Service "Working It Out"
Kainoa Aila, James Kapu- Kaaihue, Jasmine Jeremiah, Kapena Worden
- So Cal Chapter 1st Place – News "The Measurements of Life"
Kainoa Aila, Chonte Fujioka, Ito Fuaalau, Piilani Matutino
- DOE - Island Movie 2007 - islandmovie.k12.hi.us 1st place - High School - Tell Me A Story "Nani's Struggle"

Hawaii International Film Festival 2006

- Official Selection - Student Category "The Tao Of Zhungguo"
Shauntei Paaluhi, Ashley Ako, Monet Sadural

Olelo Youth Xchange 2006

- Honorable Mention - Expert Category "A Paddle Through Time"
Priscilla Mathewson, Katie Hoppe, James Kapu-Kaaihue, Justine Campos

Journalism Hawaii 2006

- Ke Ahe Kai yearbook staff took first place in layout and design competition (4th year in a row)

Hawai'i State High School Journalism Awards 2007

- Best Layout and Design

Animation/graphics

- 1st Place Island Movie Competition (Tell Me a Story - High School Division)
- 3rd Place Make a Difference Calendar Contest

Time Warner Crystal Apple Award for Teachers using Technology: Michael O'Conner, Searider teacher

Committees: Economic Development and Business Concerns Tourism and Culture
Hearing Date: March 11, 2008

Testimony by: Luane Higuchi, Teacher, Waianae Intermediate School

Chairs Kyle Yamashita and Ryan Yamane, Vice Chairs Glenn Wakai and Joey Manahan and Members of the Committee on Economic Development and Business Concerns and the Committee on Tourism and Culture:

My name is Luane Higuchi. I am the media/yearbook teacher at Waianae Intermediate School. I am here to express my strong support for SB2480.

I currently have 50 seventh and eighth graders in my media program. I have been a media teacher for three years, although I have been teaching for a total of 13 years. Since I began teaching media, my students have won several awards locally and have placed for the first time this year in a national contest.

SB2480 proposes to add funding support for creative media initiatives but should include existing media programs across the State. There are many schools out there with outstanding media programs. Chiefess Kamakahalei Middle School on Kauai, Maui High School, Kawanakoa Middle School, Waianae, Campbell, Moanalua and Kapolei High Schools – are all award winning media programs that have brought much deserved recognition to our State.

The reality for our programs is that the Department of Education funding does not cover many of our travel, equipment and supplies expenses. All of the schools mentioned above, including Waianae Intermediate School are committed to taking students to the Student Television Network, or STN, Convention on the mainland.

This past January, I had the opportunity to take seven eighth graders to the STN Convention in Anaheim, California. We spent six months fundraising Zippy's Chili, Taco Bell/Pizza Hut Coupon Books, Entertainment Books and more. I also wrote to several businesses requesting donations for my students.

I'd like to see funding set aside to pay for part of the STN costs for our schools. Convention Fees, Airfare, Hotel and ground transportation fees are a huge part of our STN costs. SB2480 would allow us more time to spend teaching and less time fund raising and grant writing. It would allow us to do what we love to do, work closely with our students so when they do compete on a national level, they are at their best. The results will mean more than just awards coming back to the state. This STN experience will allow our students the opportunity to grow and develop in the field of media which will impact them when they go to college and into the work force.

I have spent countless hours with my students preparing for various video contests. Video contests provide my students the opportunity to compete with other middle school students from across the State and Nation, however we also compete in hopes of winning prizes to purchase much needed equipment. Although my school administration is a strong supporter of our program, funds to upgrade our equipment are limited. I have resorted to applying for grants to

supplement my program's budget. Technology is constantly changing, and the cost to upgrade equipment is enormous. It would be a huge relief for existing media programs if funding could be provided through this bill for equipment purchases.

The teachers with existing media programs are all in need of funding for the success of our programs. Passing this bill, would allow us to expand our programs which would further allow us to lead our students into careers in digital media, and help expand higher education programs such as the Academy for Creative Media at the University of Hawaii.

I urge you all to pass SB2480. Thank you for giving me this opportunity to testify.

Luane Higuchi
Waianae Intermediate School
85-626 Farrington Highway
Waianae, HI 96792
697-7121

Committees: Economic Development and Business Concerns Tourism and Culture
Hearing Date: March 11, 2008
Supporting Data: Achievements of Video Programs
Menehune Productions - Waianae Intermediate School

Yearbook:

2004 – 2nd Place – Hawaii Schools Publications Association State Yearbook Competition

2005 – 3rd Place – Hawaii Schools Publications Association State Yearbook Competition

History Day:

April 8, 2006 – Qualifying for State History Day - Junior Documentary
Colby Corneau, Maelyssa Paakaula, Melody Rigney

2007 Young Minds, Socially Conscious Video Contest:

First Place: Internet Safety

Olelo Youth Xchange Competition:

2006 – 1st Place – Middle School News Division: Team 7-6 Rises to the Challenge
Steven Bersamin

2006 - Finalist - Middle School News Division: Rumors
Fuschia Kamakani, Leilani Ahina, Kahiau Freitas

2006 – 1st Place – Middle School Mini-Documentary: MySpace
Aaron Oshiro, Andrew Amps, Steven Bersamin

2006 - Finalist – Middle School Mini-Documentary: Have You Ever Met A Hero?
Rodney Paguirigan

2007 – 1st Place – Middle School News Division: Thank You Very Much
Robynn Corneau, Shyniece Wilson, Aaron Oshiro

2007 – 1st Place – Environmental Justice Video: Don't Mess Up our Aina
Timothy Bradley, Tiffany Caday, Alan Ibanes

2007 - Finalist – Environmental Justice Video: Shoreline Erosion
Stacen Konohia, Devinity Richardson, Chevelle Grilho

2007 - Finalist – Environmental Justice Video: One Can Turn into A Million
Ka`i Samson, Ikaika Soares, Michael Vossen

2007 – 1st Place – PSA: Do You Really Know Who You’re Chatting With?
Colby Corneau, Rodney Paguirigan, Aaron Oshiro,

2007 – Finalist – Animation: Keep Trash in the Can
Susan Bowyer, Hokulani Matutino, Kiana Bersamin

2007 - Finalist – Animation: Smoking Stinks!
Joanna Endo, Desiree Ponds, Angelica Guerrero

2007 – Finalist - Healthy Living Video: Jim
Tuli Leota, Tiare West

Student Television Network (National Competitions):

2008 - Honorable Mention – STN News Feature Challenge: Beating the “Oddstism”
Alan Ibanes, Tuli Leota, Tiare West, Alicia Keanu

2008 – Honorable Mention – Middle School Laptop Commercial
Stacen Konohia, Tiare West

City and County of Honolulu Earth Month Teen Video Contest

2007 – 1st Place
Keep Trash in the Can
Susan Bowyer, Kiana Bersamin, Hokulani Matutino

2008 – 1st Place
Car Wash
Sean Mark Segismundo and Mark Dinong

Federal Bureau of Investigation’s First Annual Internet Safety Awards Video Contest:

2008 - Two projects are currently top five finalists. Final awards will be presented on April 9, 2008.

Cyber-Bullying: It Hurts
Marisa DeMarco, Maxine Meyer, Christina Rabanes

Cyber-Bullying: There’s No Difference
Stacen Konohia

Committees: Economic Development and Business Concerns
Tourism and Culture

Hearing Date: March 11, 2008

Testimony by: Lynne Sueoka, Teacher, Moanalua High School

Chairs Kyle Yamashita and Ryan Yamane, Vice Chairs Glenn Wakai and Joey Manahan and Members of the Committee on Economic Development and Business Concerns and the Committee on Tourism and Culture:

I am writing to express my strong and wholehearted support for SB 2480

I have been teaching classes in the media arts at Moanalua High School since 2001. Although our Media and Broadcast Journalism courses are part of the elective offerings of the school, much of the primary work and learning for the students continues well past the end of the school day and into the weekends and vacations.

Each year, for the past five years, we have taken student delegations from Moanalua to the Student Television Network national conventions. The investment for each delegate, in both time and finances, is quite daunting, yet, each year, most of my Broadcast Journalism students elect to participate.

In order that our student delegates gain the most from this experience, both students and teachers spend many hours after school, on weekends, and over our winter break, preparing to represent our school and our state on the national level. In the past years, we have held:

- after school and weekend delegate meetings to discuss goals and responsibilities and to organize the transport of video production equipment
- weekend sessions to simulate the onsite competitions
- overnight sessions (the last two years) to simulate the intense full staff marathon competition that is part of the STN pre-convention competition

Besides the time, student delegates and their families also take on the financial commitment of participation. This year, our total bill was approximately \$20,000, not including meals and incidentals. Most of the funds for our participation in this, the largest and most significant event each year for student video producers, is raised by the students themselves. And we are anticipating increasing costs as the convention moves to Florida in 2009.

Despite the tremendous effort and expense required of our young people and their families, each year, they say it's worth it:

I feel it was important to undertake the time, the expense, the stress of attending an STN convention because you will never in your life have an opportunity to be in a place as incredible as STN. –Shane Michael Tom, Junior, MoHS

All in all, the 2008 STN convention was probably the best 6 days I've ever experienced...It's a life learning event, you get to meet new friends, learn from the best broadcast experts, gain that confidence and that determination to want to do even better in the long run, you get the whole package at STN. –Meghan Cadaoas, Sophomore, MoHS

In the end, all of the time and money and tears spent and shed were all worth it. The competition has helped me prepare for future problems and has helped me learn new strategies to solve them. I've also learned that even though the stress does come with the job, that's exactly what broadcast journalism entails. The stress and the 200% quality work that follows. –Elyssea Diaz, Junior, MoHS

In addition to convention costs, there are the day to day costs of running a technology intensive program. Our DV100 cameras cost in excess of \$3,000 per camera and our editing systems, Final Cut Pro on Mac laptops and iMACs, run about \$3,000 with the software licenses. Professional grade lighting equipment, microphones, and tripods add to the bill. And the wear and tear on the equipment, handled by dozens of students as they shoot and edit their packages through the year, means that replacement costs add up, no matter how careful the use.

And in addition to time spent on convention preparation, our students invest many hours on all of the other tasks that are part of running the crew of a monthly feature news television series. Meeting their very real world deadlines, month after month, requires that students regularly conduct interviews, capture action footage, and edit their feature packages outside of the regular school day and work week. It is common to see broadcast teams headed out to cover their stories after the closing bell has rung, and we often schedule Saturday sessions to allow enough time for these student journalists to strive for industry standards in their work.

This past winter break, student teams came in on three separate vacation days, heading to the University of Hawaii, Moanalua and Salt Lake Elementary Schools, KITV, and the University Animal Hospital in Manoa, to cover their stories.

Our film students are completing their second year of training and mentoring students from Manoa Elementary in monthly after school sessions, planned and presented by the high school students themselves. The products of this after school program, as well as the work of the other students in our filmic and journalistic programs, comprise the Moanalua High School Film Fest, which showcases the work of our students for the families and community of Moanalua and Salt Lake.

Despite the money and time demanded by these programs our students and our media teachers invest, year after year, of their resources and their passion, to enable more and more of our students to value the “stress and the 200% quality work that follows.”

Thank you for considering our testimony for SB 2480...we wholeheartedly support it...for all of our students and the quality education that will follow!

Lynne Sueoka, Moanalua High School
2825 Ala Ilima Street
Honolulu, Hawaii
837-8455

Committees: Economic Development and Business Concerns
Tourism and Culture

Hearing Date: March 11, 2008

Testimony by: Broadcast Students & Alumni, Moanalua High School

Reflections on the Value of the Media Program by MoHS Alumni

Melissa Cadelina, c/o 2006

I am 18 years old. I graduated from MoHS in 2006. Now I am a freshman at Santa Barbara City College in California. I hope to get into the radiology technician program here in Santa Barbara by next fall.

After graduating even though I'm not in media production I look and view things in a different way when watching the news or a movie... One skill that I learned and I use now is not being afraid to approach different groups of people. I was really pushed out of my comfort zone when it came to having to talk to people who were not my peers. In college I am able to approach professors and other administrators without being afraid. I also learned the importance of meeting deadlines and being professional when it came towards work ethic and presentation. Today I still remember always rushing to meet deadlines and that you can't just slap things together and hope it will pass. It's also nice to know that if I have projects and we are freely to present it in any medium that we choose I always have the option of doing something different and creating a video or webpage instead of a poster.

Maureen Ditol, c/o 2005

I am 19 years old. I graduated from MoHS in 2005. I am a current sophomore at Occidental College in Los Angeles, CA. ... I officially declared my major: Diplomacy and World Affairs although I probably will change it to Economics or Sociology later.

The English-media integrated class was by far one of the most influential classes I've taken. Roll-in videos are visual essays, and understanding this concept has made think of writing differently. I present my evidence, whether it is an interview clip or a quote from a novel, and link it to my thesis by narration or analysis. Writing a video script was also a wonderful way to better my organization skills. Jumping too quickly from one idea to the next is very obvious while watching roll-ins so I had to learn how to do transitions. It is the same idea when I am transitioning from one paragraph to another in my college papers.

MeneMAC has taught me how to collect and understand data from a variety of databases. Because I spent four years looking through a lens to find a story, I learned how to observe and analyze things from different angles. I also have a lot of practice interviewing all types of personalities. It is pretty easy for me to strike up a conversation with anyone now because I know how to ask certain questions and make them feel at ease (something I had to learn if I wanted anyone to sit in front of a camera).

MeneMAC in general is very group oriented. As a producer, I have experience allocating job assignments to an entire staff. Managing time, equipment, and people are leadership skills that I can draw on in any situation beyond MeneMAC; I've actually used these experiences in job interviews. As a crew member, I'm used to taking orders from other students and working with different personalities/values. Although I was not always

successful with meeting deadlines, I at least have an idea of what it is like working under the pressure.

Reflections on the Value of Attending the Student Television Network Conventions

Fiona Munoz c/o 2006

Some of the moments that stand out the most happened during my competition. I participated in the anchoring competition, and I was pretty intimidated because it was a solo competition. Each time I thought about how the competition would be like, I thought to myself, *you're on your own*. The other competitors were dressed in their nice business suits, and I felt my stomach twist because I was the only person there wearing a sweatshirt, jeans, and a flower in my hair. I felt discouraged. Everyone there was beaming with confidence and looked so professional that I was almost to the point where I was going to withdraw from the competition. I went back to my hotel, changed into the suit I brought and when I saw my reflection in the glass doors, a huge wave of confidence swept over me. I said to myself, *So what if I look different from everyone else and so what if I speak moke and have a horrible stutter? I'm going to try, and that's all they are asking me to do*. And it wasn't that bad actually. My judges' comments were very positive, and they gave me high marks in areas I thought I did poorly.

What I learned...is that even though you may be a kid from a small town, you have to show the judges and everyone else there that you can blow the competition away.

Russell Vea c/o 2007

It's a great way to step up the production levels of broadcast journalism and/or film and it's an excellent way to get to know your classmates more.... The first year I went was the inaugural convention and I learned a lot in that one. Being a freshman, I learned a lot on how to film something and what shots are the best. I also learned various interview techniques that had helped me in Broadcast Journalism. The second trip was even more enlightening in that the sessions were even better. I learned about three-point-lighting and various ways to increase your production on set.

Mari Maeda c/o 2006

I'll never forget walking into the room filled with professional news reporter-look-alikes, complete with suits and all and feel intimidated and defeated already. However, with some time, I realized that I had the skill and *right* to be there and compete well, just as much as they did. When they showed faults in following simple directions, I gained confidence in myself....It took a rough competition in order for me to realize how important having this class was. I learned that all the simulations, lectures, and hours on end in the mene mac room not only improves your technique in your work, but also gives you the confidence to do so.

Chelsey Nabor c/o 2008

I think that STN was a valuable and important part of our broadcast learning because it strengthens our skills as Bjer's. It gives us ideas and teaches us about the real world and how to react with others around the world. It also gives us the opportunity to meet with pros that are in this field and we can be like a sponge and soak up all the information and teachings that they have for us. Just by going to STN I think that I have

gained a whole lot of skills that I can use for the future and if I go into this field I will be prepared for the challenges that may occur. The amount of learning that I got from this is worth much more than what it cost to go, it makes up for it and more.

Melissa Cantillo c/o 2007

Participating in this competition taught me to not be afraid to try something new, and not to be afraid of challenges that you may face, because as long as you know that you tried your best and gave it your all, you are still a winner. That's all that matters! Sure a trophy and a certificate would be nice, but the ultimate reward is having a renewed confidence and sense of accomplishment in yourself, and that is something no one can take away from you.

Committees: Economic Development and Business Concerns
Tourism and Culture

Hearing Date: March 11, 2008

Supporting Data: Activities and Achievements of Video Programs
Moanalua High School

HMSA Teen Video Awards

Kiinani Kala'au, Andrew Hignite

Alyssa Lugmao

Gerald Rojo II

Olelo Youth Xchange Video Contest

Spring, 2007: Sean Galera – Finalist, PSA

Spring, 2006: Gerald Rojo II – Finalist, PSA

Natasia Gascon, Jessica Bartolome – Winners, News Package

Spring, 2005: Marisa Kiethanom, Gerald Rojo II – Winners, PSA & News Package

Student Television Network Awards

Sports Challenge, 2005, 3rd Place Nationally

Spring Nationals, 2006

Documentary—Honorable Mention (Natasia Gascon, Russell Vea)

Monthly Show—3rd Place (Chelsea Acob, Chelsey Nabor, Sharlene Whang)

Fall Nationals, 2006

Monthly Show—Honorable Mention (Jessica Bartolome)

STN National Conventions

2004 Convention

Video Essay—Honorable Mention (Lorraine Pascual)

Music Video—Honorable Mention

2006 Convention

TV Graphics—First Place (Chase Hamano)

Video Essay—Honorable Mention (Gerald Rojo, II)

Collaborative Commercial—Third Place (Marisa Kiethanom)

2008 Convention

Collaborative Commercial—Third Place (Keith Champaco)

Music Video—Honorable Mention

Olelo Monthly Series

“Now Loading”—MoHS Video Magazine

2007 Western Region Award – Youth Production (Chelsea Acob, Chelsey Nabor, Sharlene Whang)

Hawaii Student Film Festival

2002 – 4 Finalist Awards

2003 – 2 Finalist Awards

Winner – High School Documentary

eCybermission Competition

2004 – 1 National Finalist
3 Regional Winners
2005 – 2 Regional Winners
2006 – 1 Regional Winners

“MiniMAC” Mentoring Project

During the school years 2006-2007 and 2007-2008, MoHS seniors have planned and implemented an eight month mentoring project with one of our feeder elementary schools. The high school students plan and conduct after school sessions on camera usage, tripod, shots, angles, storyboarding, editing: log and capturing, trimming, transitions, importing music, Live Type. The elementary students create videos for their school and also productions which are entered in the MoHS Film Fest.

Annual Moanalua Film Fest

In 2007, MoHS students planned, produced, and competed in the First Annual Moanalua Film Festival. This competition, to be held annually, provides a chance for students to share their unique perspective, their vision, of the world around them and to receive critiques from industry professionals to help them move from “class to world class.” The event is held in the evening and open to the students, their parents, and members of the Moanalua and Salt Lake community.

An added element is the actual design and production of the film festival itself. The senior project coordinators are in charge of the film fest: they set up the categories and criteria, contact and work with the media professionals who judge the event, and host the actual screenings and awards ceremony. The project engages their creative and management skills, involves them in authentic collaboration, decision making, and problem solving, and puts them in direct contact with industry professionals.

Monthly Video Magazine Series Airing on Olelo

Broadcast Journalism I & II students produce a monthly show featuring teen issues, which airs on Olelo Community Television on Sundays at 6:30 pm. From the series’ beginnings in 2005 through the current school year, the class has produced a total of thirty five video magazine shows, going through the production process that includes initial editorial conferencing to determine focus and packages, pre-and post-production of each package, host scripting and taping, and final line producing of the entire show.

Training and Community Video Production with Olelo

In 2006, Broadcast Journalism students also attended summer training at Olelo, certifying them for use of the field production equipment or “feather pack.” With this equipment, the crew taped and produced two segments that aired on Olelo, the MoHS Welcome Back Assembly and the MoHS Homecoming 2006 Assembly. Members of the broadcast journalism program also served as Olelo’s crew for field production for Hawaiian

Electric's Energy Expo on November 29, 2006 and were part of the crew for Olelo's coverage of the Legislature 2007, opening day events.

Student Television Network —Annual Convention and National Competitions

Since 2004, MoHS has sent 85 student delegates to the STN national conventions. These annual conventions bring together professionals from the broadcast industry and student broadcasters from all over the country in the nation's only scholastic convention designed just for video students and teachers. All members of the MoHS delegations participate in workshops and on site competitions. Preparation for delegate responsibilities and competitions is held entirely outside of school hours, usually on weekends or vacation days.

Video Production for MoHS PTSA Kina'ole Awards

Broadcast Journalism I & II students filmed and edit video documentaries for the MoHS PTSA Kina'ole Awards and fund raising dinner. This service learning project takes place almost entirely outside of school hours and often involves time during regular school vacations. It involves interviewing and creating documentaries for each of the three to four yearly honorees, videotaping the actual awards banquet, and putting together the documentary and PSA/commercial for that event. All videos are shared with the honorees and PTSA and aired on Olelo Community Television.

Broadcast Journalism Overnighter Training Sessions

Returning Broadcast Journalism students plan and carry out overnight training sessions for the new BJ students before the start of each school year. They start with community building activities to establish a sense of trust and collaboration among the new enrollees. After that, the returning students lead the new students through the entire magazine production process, producing a complete show within sixteen hours and replicating one of the onsite competitions for the STN national convention.

City and County of Honolulu Department of Environmental Services Documentary

During the 2006-2007 school year, sophomores in the Broadcast Journalism program produced a video for the City and County Department of Environmental Services. They shot and edited a package capturing the activities at the City's "Keiki Water Fest" Earth Month celebration on Saturday, April 28, 2007.

Video Production Services for the School

Students in the video program provided video production services outside of the regular school day, for the entire school community:

- Students film football games for the MoHS Athletic Department coaching staff
- Students produce slideshows for the Athletic Department banquets
- Students film the annual luau for the Business Department's Travel Industry Management Class
- Students produce videos and tape the proceedings of the annual Moanalua High School Professional Development Conference

Videoconferencing Project with Osaka, Japan, 2004-2007

Between fall, 2004 and spring, 2007, Moanalua media and fine arts students participated in six online videoconference projects, in collaboration with students from Osaka Gakuin University in Japan and with advanced art students from Molokai. Videoconferences took place after school, to accommodate the time difference with Japan.

MoHS Participation in MegaConference Junior, 2007

For the past five years, MoHS students have planned and carried out presentations for the international videoconference, MegaConference Junior. They practice before and after school with the Ohio University team that handles the videoconferencing technology for the participating schools from around the world. With the time zone difference, MoHS participants have come in as early as 1:00 am to catch the opening of the conference, setting up sleeping bags and snacks in the school library in order to be part of this global collaboration! MoHS has been the first and only Hawaii representative in this videoconference event for the five years of MegaConference Junior

Committees: Economic Development and Business Concerns
Tourism and Culture

Hearing Date: March 11, 2008

Testimony by: Kevin Matsunaga, Teacher, Chiefess Kamakahelei Middle School

Chairs Kyle Yamashita and Ryan Yamane, Vice Chairs Glenn Wakai and Joey Manahan and Members of the Committee on Economic Development and Business Concerns and the Committee on Tourism and Culture:

Aloha! My name is Kevin Matsunaga and I am the media production teacher at Chiefess Kamakahelei Middle School here on Kauai.

I am writing to express my strong and wholehearted support for SB 2480.

I created an honors elective course at our new school back in 2000 when we first opened the doors to our new middle school. In my Honors Media Production Class, my students learn how to produce their own television show, how to create videos of various types, and we even produce a weekly audio clip that goes out to one of our local FM stations here on Kauai that keeps our parents and community posted on what's happening on our campus each week. While my class is considered an honors course, in no way do we limit the class to our "gifted and talented" students. This course is open to any student interested in media production. To begin to prepare my middle school students for the real world, I have them fill out an application to get in. The students have questions to answer, they have to get a teacher's recommendation, and they have to come in for an interview with me. Because I'm limited in the amount of students that I can take, this process also helps me to select the students that I feel really want to learn more about this field of study.

In addition to the one block of classtime that have with them every other day, my students spend many hours of their own time each week afterschool working on their various projects. While this afterschool time isn't "structured" as an afterschool program would be, it wouldn't take that much more of an effort to do so if we were fully funded. My students already have the passion and desire to learn more from me and I already commit many hours of my own to my students, so in a sense we're already doing things that this bill hopes to achieve. My students have won many local, state, and national awards for their media projects and we are a proven program with a proven track record of producing quality work. I humbly ask for your support of this bill to provide the necessary funding to continue and expand the media programs here on Kauai and throughout our state. In addition to myself, there are many other dedicated, hard working, and committed media teachers doing the same things in their communities. Candy Suiso at Waianae's Searider Productions, Lynne Sueoka at Moanalua High School, Clint Gima at Maui High School, Charleen Ego at Kawanakoa Middle School, Luane Higuchi at Waianae Intermediate School, Daryl Madela at Kapolei High School, and Oscar Ramiscal at Campbell High School all have experienced, award winning programs under them and we are all committed to giving our students the best opportunities in media production that we can. Sadly, to do so costs a lot of money. Speaking for myself, my class is constantly fundraising to purchase new equipment or consumables like video tapes, or to travel to national conventions like the Student Television Network National Convention held every year on the mainland. I've taken my entire class to this national conference 4 out of the 5 years that it has been available. To do so is extremely costly. To take our entire group including parent chaperones costs us over \$23,000 a year. Approximately half of that is fundraised each year and the other half comes from the students themselves. While the trip is costly and involves a lot of work to fundraise, we feel it's well worth every ounce of sweat and every extra minute we have to give beyond the school day to attend. To support our material and equipment costs, I've written several grants to support my program that have brought in close to \$40,000 in funding. All of this grant writing and fundraising takes up time,

time that would be better spent with my students. By supporting this bill and providing our program with the necessary funding, you'll help to relieve this burden from me so that I can concentrate on what I love to do best which is to teach my students.

By supporting this bill we could also create a learning center at our school to help train and support other schools on Kauai. Right now we exist out of a small conference room in our library with just 6 computers, hardly enough to take care of our own students let alone conduct any workshops. We need the financial support of this bill to reach more students and to increase the creative capacity of our youth to help prepare them for the jobs they'll see in the near future. By helping to expand our program, we will in turn help to expand the other programs on our island by hosting workshops and training sessions.

Finally this bill could also help to stimulate our feeder high school, Kauai High School which right now does not have the equipment or program for my students to move to when they leave us. Our students are creating nationally award winning work and they have no place to continue their skills at the high school level. That is a tragedy that this bill can help to erase. We can bring them in to our workshops to help move their program along so that my students can continue their work when they leave our school.

Please support Senate Bill #2480.

Thank you for your time in considering my words of support.

Sincerely,

Kevin Matsunaga
Media Production Teacher/Technology Coordinator
Chieffess Kamakahahei Middle School
2008 Kauai Teacher of the Year

Kevin Matsunaga
Chiefess Kamakahelei Middle School
Media Production Teacher

Individual Honors

- 1) Nominated for the Hawaii State Parent Teacher Student Association Phoebe Apperson Hearst Outstanding Educator Award, April 1996
- 2) Nominated for "Everyday Heroes" Program, March 2005
- 3) Wal-Mart Kauai's Teacher of the Year, 2005
- 4) Nominated for "Everyday Heroes" Program, March 2007
- 5) 2008 Kauai District Teacher of the Year

Awards students have won:

SY 2001-2002

- 1) Hawaii Student Film Festival, Best Intermediate Short – "Contraband"

SY 2002-2003

- 1) Hawaii Student Film Festival, Best Intermediate Short - "Cooking with Chef Stanson"
- 2) HIDOE IslandMovie Contest, Teach Me Something Category, Middle School Division, 1st Place – "Lockdown"

SY 2003-2004

- 1) 2003 Student Television Network, Fall Nationals, PSA Category, High School Division, 4th Place – "Reading PSA"
- 2) HIDOE IslandMovie Contest, Teach Me Something Category, Middle School Division, 1st Place, "Fire Safety"
- 3) HIDOE IslandMovie Contest, Environmental and Social Concerns Category, Middle School Division, 1st Place, "The Importance of Spaying and Neutering Your Pet"
- 4) 2004 Olelo Youth XChange Video Competition, PSA Category, 1st Place, "Reading PSA"
- 5) 2004 HMSA Sassy G Magazine Teen Video Awards, Middle School Division, Best Middle School PSA and Best Neighbor Island PSA - "Choices"
- 6) 2004 HMSA Sassy G Magazine Teen Video Awards, Middle School Division, Most Dramatic PSA - "Children of a Drug User"
- 7) 2004 Reel Teens Film Festival, New York, Middle School Division, PSA, Honorable Mention – "Reading PSA"

SY 2004-2005

- 1) 2005 Olelo Youth XChange Video Competition, Middle School Division, PSA Category, Finalist, "Choices"
- 2) 2005 Olelo Youth XChange Video Competition, Middle School Division, News Category, Finalist, "Recycling",
- 3) 2005 Olelo Youth XChange Video Competition, Middle School Division, Mini-Documentary, Finalist – "Consequences"
- 4) 2005 HMSA Sassy G Magazine Teen Video Awards, Anti-Smoking PSA, 3rd Place – "Nerdy Scientist"
- 5) 2005 HMSA Sassy G Magazine Teen Video Awards, Anti-Drinking PSA, 3rd Place – "A Daughter's Story"
- 6) 2005 Hawaii Student Film Festival, Middle School Division, Silver Award, "Consequences"
- 7) 2005 Hawaii Student Film Festival, Middle School Division, Silver Award, "Nerdy Scientist"
- 8) 2005 Hawaii Student Film Festival, Middle School Division, Bronze Award, "Kauai Kolada"

SY 2005-2006

- 1) 2005 Student Television Network Fall Nationals, Middle School Division, PSA, 1st Place – "A Daughter's Story"
- 2) 2005 Student Television Network Fall Nationals, Middle School Division, PSA, 2nd Place – "Nerdy Scientist"
- 3) 2005 Student Television Network Fall Nationals, Middle School Division, Human Interest/Feature, 2nd Place – "Japanese Shrines on Kauai"
- 4) 2006 Student Television Network Spring Nationals, Middle School Division, PSA, 1st Place – "Let It Burn"
- 5) 2006 Student Television Network Spring Nationals, Middle School Division, PSA, Honorable Mention – "Girl Story"
- 6) 2006 Olelo Youth XChange Video Competition, Middle School Division, Best Animation, 1st Place – "Billy"
- 7) 2006 Olelo Youth XChange Video Competition, Middle School Division, PSA, 1st Place – "Let It Burn"
- 8) 2006 HMSA Sassy G Magazine Teen Video Awards, Middle School Division, Anti-Drug Category, 2nd Place – "Billy"
- 9) 2006 HMSA Sassy G Magazine Teen Video Awards, Middle School Division, Anti-Drug Category, 3rd Place – "Let It Burn"

SY 2006-2007

- 1) 2007 HMSA Sassy G Magazine Teen Video Awards, Middle School Division, Anti-Drug Category, 3rd Place – "Life is Short PSA"
- 2) 2006 Student Television Network Fall Nationals, Middle School Division, Commercial, 1st Place – "Deja Vu Surfwear"
- 3) 2006 Student Television Network Fall Nationals, Middle School Division,

- PSA, 1st Place – “You Speed You Lose Teenagers”
- 4) 2006 Student Television Network Fall Nationals, Middle School Division, PSA, 2nd Place – “You Speed You Lose Adults”
 - 5) 2007 Student Television Network National Convention, Middle School Division, In-Camera Feature, 2nd Place
 - 6) 2007 Student Television Network National Convention, Middle School Division, Anchoring, Honorable Mention
 - 7) 2007 Student Television Network National Convention, Middle School Division, News Challenge, 1st Place
 - 8) 2007 Student Television Network National Convention, Middle School Division, Sports Challenge, 1st Place
 - 9) 2007 Olelo Youth XChange Video Competition, Middle School Division, Mini-Documentary, 1st Place – “Mochi Pounding – A Japanese Tradition”
 - 10) 2007 Olelo Youth XChange Video Competition, Middle School Division, PSA, Finalist – “Real Friends?”
 - 11) 2007 Student Television Network Spring Nationals, Middle School Division, PSA, 1st Place – “Real Friends?”
 - 12) 2007 Student Television Network Spring Nationals, Middle School Division, PSA, 3rd Place – “Smoking Parents”

SY 2007-2008

- 1) 2008 Student Television Network National Convention, Middle School Division, Feature Challenge, Honorable Mention
- 2) 2008 Student Television Network National Convention, Middle School Division, Anchoring, 2nd Place
- 3) 2008 Student Television Network National Convention, Middle School Division, In-Camera Feature, 3rd Place

I am writing to express strong support for SB2480 - Relating to Technology Workforce and Development.

My name is Charleen Ego, and I have been the digital media teacher at Kawananakoa Middle School for over 12 years. I teach about 250 students every year, and this year I have an after-school Technology Club with over 30 students. For the past five years, my students have placed firsts or have been in the top five positions in local and national video contests. This includes the Island Movie Contest, Olelo Youth Xchange Video Contest, HMSA Teen Video Award, Student Television Network Convention, Hawaii Student Film Festival and Scholastic Art Award.

The reason Senate Bill SB2480 is so important to Hawaii is that the legislature has an opportunity to make a positive impact on education. Especially at the middle school level where students have short attention span, are developing the ability to think abstractly and generalize, are beginning to think about their future, and are willing to attached themselves to activities that motivate and interest them, digital media production has become a powerful and effective learning experience for learners of all types and ability. With our digital media program, students have had the opportunity to travel to the Student Television Network Convention held in Anaheim, California. All twelve students who spent countless hours with their teacher fundraising and training after school for the convention's competitions learned very valuable lifelong skills. All of the students said they wanted to come back to the convention to learn more! The same is true for all the other contest projects the students worked on. The students were motivated to do their best work and to put in that extra time and effort.

Unfortunately, the digital media program does come with a price. Every year we are short of computers, camcorders, video cameras, digital cameras, rechargeable batteries, microphones, tripods, printers, toner ink and software. We also lack funds to travel to the Student Television Network Convention.

By passing SB2480 to include expanding Creative Digital Media, you can help create a thriving world for our future leaders of tomorrow. I would like to thank all of the committee members for considering this testimony.

Charleen Ego
Digital Media Teacher
Kawananakoa Middle School
49 Funchal Street
Honolulu Hawaii 96813
(808) 587-4430 ext. 285

My name is Clint Gima and I have been a teacher of digital media/creative media for the past 12 years at Maui High School. I am writing in support of SB2480 SD2. It is this type of legislation that will allow creative media teachers to continue to collaborate and expand the opportunities for all students.

I started teaching video production when computer based editing was only found in multimillion dollar facilities and the cameras we could afford were the size of a small suitcase. Since then, I have met many other teachers from across the State who share the same passion of providing creative and productive learning experiences for our students through media production. One of these non-traditional learning experiences is attending the National Student Television Network conference/competition each year. Hawaii has a large contingent attending this annual event which has been held in Anaheim California. This is a once in a lifetime event for many students. Breakout sessions on lighting, storytelling, sharing, new technologies, writing, and journalism are held and taught by industry professionals and other teachers from successful programs across the county. Another feature of the STN convention is the on-site contests. Each year, Hawaii students not only compete, but often place in the top 3 nationally in each category. Next year, it has been announced that the STN convention will be moved to Orlando, Florida. As you can imagine, the costs for students and teachers from Hawaii will be unaffordable to most. SB2480 SD2 will provide the funding necessary for the current STN Hawaii contingent to continue to provide students with this opportunity. We are also planning to invite new creative media program teachers to join us in Orlando to learn and to get inspired.

SB2480 SD2 will also allow us to continue our collaboration and help with the implementation of our common vision of expanding our existing creative media programs throughout Hawaii. Support from SB2480 SD2 will allow successful existing programs to create a training facility and curriculum for new teachers and their students so they can begin programs at their schools. Currently we have willing teacher trainers located on Kauai, across Oahu, Maui, and now Hilo. At the same time, graduates from these programs can seamlessly flow into the creative media programs at the University of Hawaii and it's community colleges. This will allow students to stay in Hawaii to attend college and eventually creating a continuous and well trained work force for the growing creative media industry.

SB2480 SD2 can be a conduit for our students and the State of Hawaii's economy. I urge you to please support it.

Thank-you,

Clint Gima

Daryl Madela
Kapolei High School
91-5007 Kapolei Parkway
Kapolei, Hawaii 96707
692-8200 ext 3286
692-8255 fax
381-0196 cell
Creative Media Academy
Hurricane Watch

I'm «GreetingLine» from Kapolei High School and I've been teaching for 21 year as Career and Technical Education teacher. This year Kapolei High School opened a brand new Creative Media Academy, called Hurricane Watch, a video production class with a 160 students. The CMA is a very busy academy composed of 11th and 12th graders producing projects, such as PSA's, Mini-Documentaries, News Clips, Short Creative Pieces, Movies, Commercials, Music Video's, and Animation for the school and community. We also run a live daily morning bulletin, with News anchors, with camera and production crew. Our big project that we help produce along with Waianae High School, Searider Production was a 10 minute video for the Kapolei Property Development, (James Campbell Company) "Sustainability." We also produced a live TV broadcast of our Mock Car Crash "Shattered Dreams" and "Hurricane Talent to Fame" throughout the entire school. The past 6 years I taught in the Graphics Media Academy producing graphics and design for the school and the community. One of our biggest projects that we worked on was designing the State of Hawaii Superintendents Annual Report in 2005 and 2006 for the Superintendent of Education Patricia Hamamoto. With this grant it would help the Creative Media Academy students, school and the community, build skills and opportunities. to build careers and better futures for the students.

Teacher Awards: Daryl Madela

1999 Heald Business College Excellence in Technology Education
1999-2000 SkillsUSA Advisor of the Year
2002-2003 SkillsUSA Advisor of the Year
2007 Koa Award Kapolei Outstanding Award for Education (James Campbell Company)

Student Awards: Kapolei High School

Student Television Network National Competition: Anaheim, California

1st Place Randy Salazar Television Graphics (2007)
3rd Place Chaleesa Abrazado Stand Up (2007)
3rd Place Kawaika Banis Stand Up (2007)
3rd Place Randy Salazar Television Graphics (2008)

HMSA Teen Video Awards: 2005 Kapolei High School

Best of Show: Abram Kamalamalama Drinking and Driving

4th Place Russell Biluan Every Second Counts

HMSA Teen Video Awards: 2006 Kapolei High School

Best of Show: Dane Kurihara Hazards of Smoking

1st Place: Anti-Smoking Dane Kurihara Hazards of Smoking

Best Special Effects: Matthew Root Drinking and Driving

5th Place: Matthew Root Drinking and Driving

4th Place: Dawnielle Gaboyo Would You?

SkillsUSA National Competition Kansas City, Missouri

1st Place Janyce Delacruz Safety Occupational Handbook (Waianae High)

1st Place Royal Kaukani Job Skills Demonstration (Waianae High)

3rd Place Chelsey Villauneva Job Skills Demonstrations (Kapolei High)

3rd Place Ronald Viernes Job Skills Demonstration (Kapolei High)

3rd Place Ronald Viernes Promotional Bulletin Board (Kapolei High)

SkillsUSA-VICA 2003 Kapolei High School

1st place Angelica Rabang, Advertising Design

2nd place Jessica Guillermo, Advertising Design

1st Riza Saragena, Job Interview

3rd place Ferelei Zampaga, Job Interview

1st place Ronald Paul Viernes Job Skills Demonstration

1st Haydee Tolentino, Prepared Speech

2nd place Naomi Layco, Prepared Speech

2nd place Nicole Enriquez, Promotional Bulletin Board

3rd place David Llenado, Related Technical Math

Outstanding Chapter of the Year – Kapolei High School

Outstanding Member of the Year – Angelica Rabang

Advisor of the Year – Mr. Daryl Madela

SkillsUSA 2004 Kapolei High School

1st place Angelica Rabang Advertising Design

1st place Ashely Madela, Job Interview

1st place David Llenado, Job Skills Demonstration

1st place Alex Takeda, Related Technical Math

2nd place Sheldon Yoneda, Job Interview

2nd place Haydee Tolentino, Prepared Speech

2nd place John Owens, Prepared Speech

2nd place Shaun Nakasone, Related Technical Math

SkillsUSA 2005 Kapolei High School

- 1st place Sherry Mantalaba, Job Skills Demonstration
- 1st place Nicole Enriquez, Prepared Speech
- 1st place Ronald Paul Viernes, Promotional Bulletin Board
- 2nd place Jenna Caparosa, Advertising Design
- 2nd place David Llenado, Job Skills Demonstration
- 2nd place John Owens, Prepared Speech
- 2nd place Arvin Garcia, Promotional Bulletin Board
- 3rd place Jose Marlon Marzan, Advertising Design
- 3rd place Franklin Arguelles, Architectural Drafting
- 3rd place Ashley Madela, Job Interview
- 3rd place Taryn Lau, Related Technical Math
- 3rd place Taryn Lau, Statesman Award

SkillsUSA 2006 Kapolei High School

- 1st place Jade Nakabayashi, Job Interview
- 1st place Hazel Tolentino, Job Skills Demonstration
- 1st place Victoria Camacho, Prepared Speech
- 1st place Logan Garcia, Related, Technical Math
- 2nd place Sherry Mantalaba, Job Skills Demonstration
- 2nd place Julia Nakamoto, Prepared Speech
- 2nd place Phoebe Ebanez, Promotional Bulletin Board
- 2nd place Taryn Lau, Related Technical Math
- 3rd place Jenna Caparoso, Advertising Design
- 3rd place Shannon Arnold, Job Interview

HOUSE OF REPRESENTATIVES
THE TWENTY-FOURTH LEGISLATURE
REGULAR SESSION OF 2008

Economic Development & Business Concerns Committee

Tuesday, March 11, 2008
8:30 A.M.
State Capitol, Conference Room 325

in consideration of
Senate Bill 2480, S.D. 2
Relating to Technology Workforce and Development

Chair Yamashita, Vice Chair Wakai and Members of the Economic Development & Business Concerns Committee

I support Senate Bill 2480 SD 2 which appropriates additional funds for the support and expansion of existing scholastic robotics programs.

As the organizing and coordinating mentor for the inaugural FIRST Robotics program at Waimea High School on Kauai, funds from this bill will greatly help Waimea High's Menhune FIRST Robotics program. I personally spent over 200 hundred hours of volunteer labor since the fall of 2007, with much of my time going to grant writing and fund raising activities.

There are numerous and complex processes involved with setting up a program like FIRST Robotics at a neighbor island high school. Having some funds to support the program would greatly enhance the sustainability and make everyone involved more relaxed and able to focus on the design and engineering aspects of FIRST rather than worrying about the money.

Thank you for the opportunity to provide these comments.

Mary Lu Kelley