



UNIVERSITY OF
HAWAII
STUDENT CAUCUS

LATE

To: Senate Committee on Ways and Means (WAM)
Senator Donovan M. Dela Cruz, Chair
Senator Gilbert S.C. Keith-Agaran, Vice Chair

Date: Wednesday, February 28, 2018

Time: 11:00 AM

Place: Conference Room 211

Re: SUPPORTING SB 2328 SD 1 – RELATING TO THE UNIVERSITY OF HAWAII

Chair Donovan M. Dela Cruz, Vice Chair Gilbert S.C. Keith-Agaran and members of the committee:

My name is Jannah Lyn Dela Cruz, and I am the Chairperson of the UH Student Caucus, the UH system wide association of all campus student governments. We represent over 50,000 students in the University of Hawaii System. Our constituents **support Senate Bill 2328 SD 1** - that establishes the University of Hawaii open educational resources task force to conduct a comprehensive analysis and evaluation on all general education courses and high attendance courses taught at the University of Hawaii system to identify open educational resources for those courses and establishes and appropriates funds for an open educational resources pilot project grant program to incentivize faculty that adopt, develop, and implement open educational resources.

The UHSC appreciates the Legislature's recognition of the positive impact on our students through the use of Open Educational Resources. The high cost of textbooks and required class materials can be a burden for our students, especially for students taking out loans or paying out of pocket to cover the cost of tuition alone. The 2017-2018 UH Student Caucus has made Open Educational Resources a priority to support, and has had discussions with students and faculty on how we can better inform and educate our Faculty to use OERs. Campuses like Leeward Community College, Maui College, and UH Manoa have already began integrating the use of Open Educational Resources. Students of the UH Student Caucus would like to see this initiative actively integrated at each campus in the UH System. SB 2328 SD 1 as currently written provides an extra step that our University needs to get our faculty involved in the OER movement, that has already taken place at other universities such as Rice University and their equivalent of our OER, called OpenStax.

Once again, students of the University of Hawaii support SB 2328 SD 1. Thank you for the opportunity to submit testimony.

Respectfully submitted,

Jannah Lyn Dela Cruz
Chairperson
jldc2@hawaii.edu

LATE

SB-2328-SD-1

Submitted on: 2/27/2018 2:38:23 PM
Testimony for WAM on 2/28/2018 11:00:00 AM

| Submitted By | Organization | Testifier Position | Present at Hearing |
|----------------|--------------|--------------------|--------------------|
| Evan Yoshimura | Individual | Oppose | No |

Comments:

I am an assistant professor of mathematics at Kapiolani Community College and I oppose this ammended measure. The creation of a task force to investigate OER is not necessary and will commit resources (human or otherwise) that can be better utilized in other ways. Most UH faculty are in support of adopting OER but the ability to do so across the disciplines is not equal (some subjects have no viable options), which implies that materials will have to be created by faculty. Although I am not experienced in writing my own textbook, I believe it's pretty clear even on the surface level to see that this is an undertaking that requires quite a bit of time. Assuming, any faculty looking to write their own book will not be authorized to have sabbatical for the duration of their project, that implies that they will still need to perform their usual teaching duties and thus the time required to complete a textbook is extended even further.

Providing a grant of \$500-5000 to faculty who want to begin using OER or are currently using OER is obviously a means to entice faculty to change their mind but again, since access to doing so is not currently possible across the disciplines, it creates an unfair situation where certain faculty will not be able to take advantage of said grant. As stated above, the amount of time to create a viable alternative themselves indicates that \$5000 might not be a fair compensation for the time and effort needed co complete said materials. I would also argue that most of the faculty who would benefit from this grant already buy into the idea of OER and won't need "extra" incentives.

I can appreciate the intent of the measure but I take offense to the notion that is implied, even if unintended, that faculty do not have their students' best interest in mind when choosing course materials to use. Having taught math courses for the better part of the last decade, the biggest cost to students seeking higher education is having to repeat courses they don't successfully complete. If faculty are swayed (or forced as in the initial version of this measure) to adopt an inferior product in the form of OER just for the sake of a monetary incentive, this will only make the undesired outcome even more probable. Although I don't claim to speak for my colleagues, I believe all faculty are hired for their expertise in their field coupled with their ability to teach effectively and as such, any changes to curriculum (including course materials to be used) should stem from faculty teaching the course and not from some external agent. I feel that having someone who has no experience teaching my subject matter tell me how I should teach equates to a slap in the face. I did not put myself through undergraduate and graduate studies, obtain my degrees, secure a teaching position in my field of expertise, and refine my

courses over years only to have someone less qualified to do my job imply that I don't know what I'm doing.

If the concern is to make higher education more affordable, I believe this measure is a drop in the bucket. Take note of some European countries that offer students the ability to attend college tuition free or a few states who currently have implemented programs that cover virtually all cost for resident students to attend local institutions. The savings from such a program would greatly outweigh savings from reduced textbook costs alone.

SB-2328-SD-1

Submitted on: 2/27/2018 3:31:47 PM

Testimony for WAM on 2/28/2018 11:00:00 AM



| Submitted By | Organization | Testifier Position | Present at Hearing |
|---------------------|---------------------|---------------------------|---------------------------|
| Susan Jaworowski | Individual | Oppose | No |

Comments:

Testimony in Opposition to S.B. No. 2328, S.D. 1

To Senator Dela Cruz and the members of the Senate Committee on Ways and Means:

I am writing in opposition to part of S.B. No 2328, S.D. 1, Relating to the University of Hawaii. I am Dr. Susan Jaworowski, Professor and Paralegal Program Director at Kapi'olani Community College.

S.B. No. 2328, S.D. 1 has two main parts in its goal to increase the use of OER (Open Education Resources) in the UH System. The first goal I do not support as it is aimed in the wrong direction. The bill would establish a "University of Hawai'i open educational resources task force" to conduct a comprehensive analysis and evaluation on all general education courses and high attendance courses taught at the University of Hawai'i system to identify open educational resources "that may be suitable" for those courses, and it is directed to the Vice Chancellors for Academic Affairs, two members of the Board of Regents, the University of Hawai'i vice president for academic planning and policy, an UHPA representative, and a representative from the All Campus Council of Faculty Senate Chairs. While the taskforce is directed to include input from a number of sources, including faculty and librarians, only one member of the task force actually has expertise in this area, a sole representative from the University of Hawai'i open educational resources team. Respectfully, the best people to make the determination on what, if any OER resources are accurate, current, sufficient in scope, and reliable are the faculty teaching those courses, with input from the open educational resources team members, many of whom are librarians, on their respective campuses. There is no need for this task force as it will only duplicate current initiatives on campus already and appears to impose a heavy hand to promote OER regardless of quality. Any "comprehensive analysis and evaluation ... to identify open educational resources for those courses" cannot be done divorced from the faculty, their programs, and their departments, who are an afterthought in this proposal.

I do support the part of the bill that would establish "an open educational resources pilot project grant program to incentivize faculty that adopt, develop, and implement open educational resources" as I think that focuses the effort at the right point, the faculty. The testimony received by the Senate HRE committee on the original version of this bill from multiple faculty members across the UH System demonstrated how passionately

the faculty care about their students and their courses, and are committed to providing excellence in education. There are undoubtedly UH System faculty members who would use these grants to develop OER materials that could be used across the system and that would be a lasting benefit from this legislation.

Sincerely yours,

Dr. Susan Jaworowski

LATE

Attention: WAM Chair and committee members

RE: SB2328 SD1- Relating to the University of Hawaii

I write to you to express my opposition to SB2328.

As a graduate student in her final year, I know that the cost of higher education is high and continually increasing to the point of being out of reach for many. Unfortunately, the cost will continue to rise. That is the sad reality, but textbooks are not the reason that college affordability evades us. Textbooks are expensive, yes, but negligible when you take into account the total cost of attendance.

I appreciate access to these resources and am grateful that they exist since I use them often for my own research. I am especially appreciative when professors do what they can to use these resources in lieu of expensive textbooks. Relying solely on these resources, however, to teach all classes could and likely would lead to a decrease in the quality of education since it is unlikely that all materials necessary to effectively teach a subject would be available via OER.

I am a strong supporter of a more affordable education and access to college for all, so I appreciate the general sentiment of the bill to reduce the cost of attendance. I can say with certainty that the price of textbooks was not a deciding factor when I chose what school to attend. The cost of textbooks will neither decrease enrollment in the UH, nor will “textbook free” campuses encourage enrollment.

Also, placing the burden of the high cost of textbooks is misguided. Textbooks are expensive because of the high publishing costs for academic material.

Finally, it is government overreach to tell professors what resources they can and cannot use in their classrooms.

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

Respectfully,

Arizbet Sanchez Takeuchi
MSW Candidate
UH Mānoa
asanchez@hawaii.edu

LATE

SB-2328-SD-1

Submitted on: 2/28/2018 8:17:50 AM

Testimony for WAM on 2/28/2018 11:00:00 AM

| Submitted By | Organization | Testifier Position | Present at Hearing |
|---------------------|---------------------|---------------------------|---------------------------|
| Kelli Y. Nakamura | Individual | Oppose | No |

Comments:

As the author of over 90 OER articles and one of the most downloaded OER authors at the University of Hawaii, I am writing in OPPOSITION to this bill. My materials supplement but do not replace an entire textbook and I do believe that individuals should be paid for their work if used by students in an academic setting as textbooks do undergo a rigorous vetting procedure and editorial review. Textbooks should also be chosen for its academic content based upon the judgement and professional opinion and knowledge of the instructor, rather than a requirement of the legislature. Please stop in the micromanaging of the university and the classroom and if you want to help out students, providing more funding to lower their tuition costs or scholarships based upon academic merit/financial need.



ASUH

Associated Students of the University of Hawai'i
YOUR STUDENT GOVERNMENT

LATE

To: Senate Committee on Ways and Means (WAM)
Senator Donovan M. Dela Cruz, Chair
Senator Gilbert S.C. Keith-Agaran, Vice Chair

Date: Wednesday, February 28, 2018

Time: 11:00 AM

Place: Conference Room 211

Re: SUPPORTING SB 2328 SD 1 – RELATING TO THE UNIVERSITY OF HAWAI'I

Chair Donovan M. Dela Cruz, Vice Chair Gilbert S.C. Keith-Agaran and members of the committee:

My name is Jannah Lyn Dela Cruz, and I am the President of the Associated Students of the University of Hawaii, the undergraduate student government at UH Manoa. We represent the voices of over 10,000 full-time classified undergraduate students on the UHM campus. Our constituents **support Senate Bill 2328 SD 1** - that establishes the University of Hawai'i open educational resources task force to conduct a comprehensive analysis and evaluation on all general education courses and high attendance courses taught at the University of Hawai'i system to identify open educational resources for those courses and establishes and appropriates funds for an open educational resources pilot project grant program to incentivize faculty that adopt, develop, and implement open educational resources.

The ASUH appreciates the Legislature's recognition of the positive impact on our students through the use of Open Educational Resources. The high cost of textbooks and required class materials can be a burden for our students, especially for students taking out loans or paying out of pocket to cover the cost of tuition alone. SB 2328 SD 1 as currently written provides an extra step that our University needs to get our faculty involved in the OER movement, that has already taken place at other universities such as Rice University and their equivalent of our OER, called OpenStax.

I have attached ASUH Senate Resolution 04-18 *Regarding the 2018 Legislative Session*, that reaffirms ASUH's support for implementable remedies that alleviate the cost of textbooks through the use of OERs, as well as Senate Resolution 14-16 *In Support Of Incorporating Open Educational Resources Into General Education Curricula*, a previous resolution that formalized our support for OERs.

Thank you for the opportunity to submit testimony.

Respectfully submitted,

Jannah Lyn Dela Cruz
President
Associated Students of the University of Hawaii at Manoa
jldc2@hawaii.edu

ASSOCIATED STUDENTS OF THE UNIVERSITY OF HAWAI'I AT MĀNOA
2465 Campus Road, Campus Center 211A
Honolulu HI 96822

SENATE RESOLUTION 04-18

REGARDING THE 2018 HAWAII STATE LEGISLATIVE SESSION

BE IT ENACTED BY THE UNDERGRADUATE SENATE:

- WHEREAS*, the Associated Students of the University of Hawai'i at Mānoa Senate is the elected body representing approximately 10,000 full-time classified undergraduate students; and,
- WHEREAS*, the ASUH has formalized positions on many subjects of priority to students, including cost of tuition and fees, university leadership and oversight, academic resources and student services, commitment to unique student populations, transportation, and more; and,
- WHEREAS*, the ASUH 105th Senate is committed to improving the student experience by advocating for the ASUH Constituency at the Hawai'i State Legislature; and,
- WHEREAS*, the 2018 Hawai'i State Legislative Session convened on Wednesday, January 17, 2018; and,
- WHEREAS*, during this legislative session, state legislators have introduced over 180 bills that, if approved, will impact the University of Hawai'i at Mānoa; and,
- WHEREAS*, many bills introduced this Legislative Session contradict or support the positions and/or discussions that the ASUH has formalized; and,
- WHEREAS*, the ASUH has prominently opposed increased cost of attendance to UHM as expressed in ASUH Senate Resolution 27-16 *In Opposition to the University of Hawaii Tuition Proposal 2017-2020*¹ and
- WHEREAS*, the ASUH also passed Senate Resolution 20-14 *In Support of a Moratorium on Resident Tuition Increase at the University of Hawaii at Mānoa for the 2014-2015 Academic Year and to Explore, in Conjunction*

¹https://d3n8a8pro7vhmx.cloudfront.net/asuh/pages/57/attachments/original/1468281954/SR_27-16_IN_OPPPOSITION_TO_THE_UNIVERSITY_OF_HAWAI'I_TUITION_PROPOSAL_FOR_ACADEMIC_YEARS_2017-2020_codified.pdf?1468281954

*with the Hawaii State Legislature Alternative Means to Address Tuition Increase*²; and,

WHEREAS, there are currently bills that recognize the high cost of UH tuition and financial burden on students, and offer potential remedies that alleviate cost of attendance for students or limit the maximum cost of tuition; and,

WHEREAS, the ASUH implemented a UPASS fee at UHM, mandating that all students pay the semesterly UPASS fee to receive full access to TheBus, which is an agreement between ASUH and the Department of Transportation Services of the City and County of Honolulu as maintained by the Committee on Student Affairs on the ASUH; and,

WHEREAS, there is currently a bill that proposes a subsidization to the transportation fees at UHM and at UH West Oahu aimed to reduce the cost of attendance for students at UHM; and,

WHEREAS, the University of Hawaii Board of Regents (BOR) is comprised of fifteen regents, including a Student Regent, of whom represents all students in the University of Hawaii, including students at UHM; and,

WHEREAS, the ASUH values the official student representation on the BOR as shown through shared recommendations formalized in a resolution³ in regards to the Student Regent position on the BOR; and,

WHEREAS, there are currently bills that propose changes to the current selection process of the University of Hawaii BOR that restrict qualified students to be a Student Regent; and,

WHEREAS, the ASUH has effectively worked with the BOR through the processes the ASUH must go through in order to maintain its current operations, that include oversight of the ASUH Stadium Stock Portfolio, an investments fund that provides at least \$400,000 each year to student programs, services, and support and ASUH operations; and,

WHEREAS, there are currently bills that propose changes to the Hawaii State Constitution and Hawaii Revised Statutes (HRS) regarding the jurisdiction and power of the BOR, which in return could impact the effectiveness of the operations of the ASUH; and,

WHEREAS, the University of Hawai'i at Mānoa (UHM) consists of full-time undergraduates that are veterans of the United States Military. The

²https://d3n8a8pro7vnm.cloudfront.net/asuh/pages/57/attachments/original/1487808243/Senate_Resolution_20-14_CODIFIED.pdf?1487808243

³https://d3n8a8pro7vnm.cloudfront.net/asuh/pages/57/attachments/original/1423608770/SR_13-15_Student_Representation_on_BOR.pdf?1423608770

Federal Reserve components of the United States Army, Navy, Air force, Marine Corps, Coast Guard, and Hawaii National Guard are included as the United States Military; and,

WHEREAS, the ASUH has shown continuous support for student veterans through Senate Resolution 33-14 *IN SUPPORT OF IN-STATE TUITION FOR MILITARY VETERANS*⁴ and Senate Resolution 17-17 *IN REGARDS TO THE UNIVERSITY OF HAWAII AT MĀNOA'S (UHM) COMMITMENT TO STUDENT VETERANS*⁵; and,

WHEREAS, there is currently a bill that would extend current UH tuition assistance for Hawaii National Guard to include retired Hawaii National Guard enlisted persons, warrant officers, and company grade officers; and,

WHEREAS, the ASUH 105th Senate has identified priorities at the beginning of the fiscal year in order to guide the advocacy efforts of the 105th Senate: support for Open Educational Resources, a sustainable UH Green Revolving Fund, efforts towards making UHM more convenient for students; and,

WHEREAS, the ASUH has shown support for the integration of Open Educational Resources as outlined in Senate Resolution 14-16 *In Support of Incorporating Open Educational Resources into General Education Curricula*⁶; and,

WHEREAS, the ASUH has shown support for a Green Revolving Fund as outlined in Senate Resolution 04-16 *In Support of a Green Revolving fund at the University of Hawaii at Mānoa*⁷; and,

WHEREAS, there are currently bills that recognizes the support that Open Educational Resources has on the cost of textbook and materials for students at the University of Hawaii; and,

WHEREAS, there are currently bills that outline the processes for the University of Hawaii Green Special Fund; and,

WHEREAS, there are currently bills that aim to make a campus a more convenient place for students and that enhance the academic and social experience at UHM; and,

⁴https://d3n8a8pro7vhmx.cloudfront.net/asuh/pages/57/attachments/original/1487808812/Senate_Resolution_33-14_CODIFIED.pdf?1487808812

⁵https://d3n8a8pro7vhmx.cloudfront.net/asuh/pages/57/attachments/original/1490396367/SR_17-17_IN_REGARDS_TO_UHM_COMMITMENT_TO_STUDENT_VETERANS.pdf?1490396367

⁶https://d3n8a8pro7vhmx.cloudfront.net/asuh/pages/57/attachments/original/1463175886/SR_14-16_In_Support_of_Incorporating_Open_Educational_Resources_into_General_Education_Curricula_CODIFIED.pdf?1463175886

⁷https://d3n8a8pro7vhmx.cloudfront.net/asuh/pages/57/attachments/original/1453414689/SR_04-16_In_Support_of_a_Green_Revolving_Fund_at_the_UHM_CODIFIED.pdf?1453414689

BE IT RESOLVED, that ASUH recognizes the high cost of UH tuition and financial burden on students, and supports implementable remedies that alleviate cost of attendance for students or limit the maximum cost of tuition; and,

BE IT RESOLVED, that the ASUH does not support changes to the current selection process of the University of Hawaii BOR that restrict qualified students to be a Student Regent; and,

BE IT RESOLVED, that the ASUH does not support removal of the sole jurisdiction and power from the BOR of UH as it could impact the effectiveness of the operations of the ASUH; and,

BE IT RESOLVED, that the ASUH supports extended consistent recognition to U.S. military and Hawaii National Guard personnel, both current and retired, who currently study at UHM; and,

BE IT RESOLVED, that the ASUH supports implementable remedies that alleviate the high cost of textbooks through the use of Open Educational Resources; and,

BE IT RESOLVED, that the ASUH supports the University of Hawaii autonomy to effectively utilize the UH Green Special Fund; and,

BE IT RESOLVED, that the ASUH supports efforts that make campus a more convenient place for students and that enhance the academic and social experience at UHM; and,

BE IT FURTHER RESOLVED, that the ASUH shall be best represented in all advocacy efforts at the Hawaii State Legislature; and,

NOW, THEREFORE, BE IT FINALLY RESOLVED, that copies of this resolution shall be sent to:
the University of Hawai'i Board of Regents Chair Jan Naoe Sullivan and Members, President and UHM Interim Chancellor David Lassner, Interim Vice Chancellor for Academic Affairs and Vice Chancellor for Research Michael Bruno, Interim Vice Chancellor for Students Lori Ideta, the Graduate Student Organization, Ka Leo O Hawai'i, Hawai'i State Representatives Angus L. K. McKelvey, Mark J. Hashem, Silvia Luke and Ty J. K. Cullen, and Hawai'i State Senators Kaialii Kahele, Donna Mercado Kim, Donovan M. Dela Cruz and Gilbert S. C. Keith-Agaran.

⅔ ROLL CALL VOTE TO SPECIAL ORDER SR 04-18

Aye(s): Vice President Urasaki, Treasurer Hinshaw, Secretary Ruan, Senators-at-Large Chen, Honda, Lao, Leval, Senators Bonilla, Hortizuela, Ikehara, Kim, Lee, Li, Ng, Petersen, Ramirez, Sakamoto, Simeona, Utashiro, Vargas, Willis, Yamada [22]

Naye(s): [0]

Abstention(s): Senator Manabe [1]

⅔ ROLL CALL VOTE TO ACCEPT SR 04-18 WITH AMENDMENTS

Aye(s): Vice President Urasaki, Secretary Ruan, Senators-at-Large Chen, Honda, Lao, Leval, Senators Bonilla, Hortizuela, Ikehara, Kim, Lee, Li, Ng, Petersen, Ramirez, Sakamoto, Simeona, Utashiro, Vargas, Willis [20]

Naye(s): Treasurer Hinshaw, Senator Yamada [2]

Abstention(s): [0]

Introducers: Micah Leval, Senator-at-Large, Jaylin Petersen, Senator for the College of Tropical Agriculture and Human Resource

**THE ASSOCIATED STUDENTS OF THE UNIVERSITY OF HAWAI‘I AT MĀNOA
2465 Campus Road, Campus Center 211A
Honolulu, HI 96822**

Senate Resolution 14-16

**IN SUPPORT OF INCORPORATING OPEN EDUCATIONAL RESOURCES INTO
GENERAL EDUCATION CURRICULA**

BE IT ENACTED BY THE UNDERGRADUATE SENATE:

WHEREAS, the Associated Students of the University of Hawai‘i at Mānoa (ASUH) Senate is the elected body representing approximately 14,000 full-time, classified undergraduate students; and,

WHEREAS, high textbook costs contribute to the decreasing affordability of college and may serve as a barrier to students striving for higher education; and,

WHEREAS, average textbook costs to university students increased by 82% between 2002 and 2012; and,¹

WHEREAS, data collected during the Spring 2014 semester found that the average cost of materials for the 50 highest enrollment courses at the University of Hawai‘i at Mānoa (UHM) was approximately \$150 per course; and,

WHEREAS, the Student Engagement, Retention, and Graduation Committee at UHM wrote in their report that Mānoa students would cumulatively spend over \$20 million per semester if every student purchased all of their required textbooks; and,²

WHEREAS, Open Educational Resources (OER) are teaching, learning, and research materials, including textbooks and other digital items, that reside in the public domain or have been released under an open license; and,

WHEREAS, OER are available through nonprofit organizations such as OpenStax College, Open Textbook Library, Khan Academy, and TedEd

WHEREAS, OER are available as zero-cost textbooks from OpenStax College and Open Textbook Library and zero-cost videos from Khan Academy and TedEd; and,

¹ <http://www.gao.gov/assets/660/655066.pdf>

² http://manoa.hawaii.edu/strategicplan/pdf/serg_committee_action_plan_v7.pdf

WHEREAS, over 160 open textbooks are available on the Open Textbook Library that faculty could adopt in their classrooms immediately; and,

WHEREAS, according to a Student Public Interest Research Groups (PIRGs) 2015 report which analyzed data gathered from five pilot programs around the country that encouraged faculty to replace traditional textbooks with open textbooks, a student would be able to save an average of \$128 per course if their introductory level textbook were replaced with an open textbook; and,

WHEREAS, the PIRGs report concluded that “If every full-time undergraduate had just one of their traditional textbooks replaced with an open textbook each year, it could save students nationally almost \$1.5 billion in textbook costs”; and,³

WHEREAS, a survey conducted by Leeward Community College (LCC) in May 2015 found that 58% of the 987 student participants said that textbook costs influence their decision to enroll in a course, and 55% stated that they decided to not buy a required textbook for a course; and,⁴

WHEREAS, in Fall 2015, LCC offered 53 classes with a “Textbook Cost: \$0” designation; and,

WHEREAS, according to a Fall 2015 survey consisting of five LCC classes which utilized OER, 87% felt the quality of the no-cost resources were just as good as a traditional textbook, and 78% felt they did better in the course because they had access to the resources from the first day of class; and,

WHEREAS, in light of the successful implementation of OER into course curricula, LCC almost tripled the number of course offerings with “Textbook Cost: \$0” designation from 53 courses in Fall 2015 to 148 courses in Spring 2016; and,

WHEREAS, the UHM Physics Department began utilizing OER materials from OpenStax College last year, saving a total of \$20,000 for the 120 students enrolled in the twelve sections of Physics 151 and Physics 152; and,

BE IT RESOLVED, the ASUH recognizes the rising cost of educational resources as a barrier to college affordability and student success; and,

³ <http://www.studentpirgs.org/news/sp/report-open-textbooks-billion-dollar-solution>

⁴ <http://oer.hawaii.edu>

BE IT RESOLVED, the ASUH recommends that the UHM further utilizes open educational resources and other zero-cost materials for general education courses; and,

BE IT FURTHER RESOLVED, the ASUH understands that the extensive implementation of OER will help reduce the cost of education, expand the use of internet and digital technologies in education, and transform teaching and learning by fostering academic innovation through increased curriculum options; and,

NOW, THEREFORE, BE IT FINALLY RESOLVED, that copies of this resolution shall be sent to: The Board of Regents of the University of Hawai‘i, University of Hawai‘i President David Lassner, University of Hawai‘i at Mānoa Interim Chancellor Robert Bley-Vroman, University of Hawai‘i at Mānoa Vice Chancellor for Academic Affairs Reed Dasenbrock, University of Hawai‘i at Mānoa Interim Vice-Chancellor for Students Lori Ideta, OER Librarian Sara Rutter, Director of Academic Technology Services Hae Okimoto, Graduate Student Organization President Jonathan Dial, Mānoa Faculty Senate Chair Bob Cooney, The Honolulu Star-Advertiser, and Ka Leo O Hawai‘i.

ROLL CALL VOTE TO APPROVE SENATE REOLUTION 14-16

Aye(s): Vice President Kamoshida, Treasurer Takara, Secretary Tagaban, Senators-at-Large Callihan, Dela Cruz, Mitsui, Nishihara, Senators Barrow, Baxa, Enriquez, Garma, Hinshaw, Ikeda, Kim, Lao, Lawi-an, Lopez, McLaury, Omokawa, Rafael, Ryan, Sevilla, Simeroth, Tacey
[24]

Naye(s): [0]

Abstentions: [0]

Introducers: Eugene Lao, Senator of the Colleges of Arts and Sciences; Maggie Hinshaw, Senator of the Colleges of Arts and Sciences

LATE

SB-2328-SD-1

Submitted on: 2/28/2018 10:43:49 AM

Testimony for WAM on 2/28/2018 11:00:00 AM

| Submitted By | Organization | Testifier Position | Present at Hearing |
|---------------------|---------------------|---------------------------|---------------------------|
| Amy Yamashiro | Individual | Comments | No |

Comments:

College faculty members care about student learning. In addition, they care about the affordability of college for students. Let's leave the drive toward OER in the hands of the faculty. As faculty members explore OER resources for their students, they will adopt OER when it is determined that student learning will not be compromised. Many faculty members have already adopted OER. At KCC alone, for the Spring 2018 semester students saved a total of \$298,077. This includes 147 classes in 28 subjects. Mandating OER, either by a law or by a taskforce, will likely not improve student learning, and in fact will reduce it in many cases. Let those who are adopting OER continue to serve as an example to others, and let the faculty who are experts in their field determine the best balance between cost and benefit of the materials they adopt for their courses.