



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

Date: 04/05/2016
Time: 02:31 PM
Location: 308
Committee: House Finance

Department: Education

Person Testifying: Kathryn S. Matayoshi, Superintendent of Education

Title of Bill: SB 2557, SD2, HD1 RELATING TO CONCUSSIONS.

Purpose of Bill: Expands the concussion educational program established under Act 197, Session Laws of Hawaii 2012, and incorporates additional concussion protocol program requirements. Appropriates funds to develop and implement the concussion monitoring and education program for school athletics and youth athletic activities, administer concussion testing to high school student athletes, and implement a concussion awareness program for Hawaii public school students aged 11 to 13. (SB2557 HD1)

Department's Position:

The Department of Education (Department) recognizes the importance of concussion educational programs for youth and concussion testing for high school student athletes. We appreciate the opportunity to continue to work with our partners on this worthy program. For this committee's information, the concussion awareness and management program, to date, has only been successfully implemented in our Hawaii high school athletic programs. Athletic trainer positions are only placed at high schools to provide services to students who compete in organized interscholastic athletic activities.

Given budgetary and personnel constraints, the Department proposes the following language for this Committee's consideration to allow for a concussion awareness program for intermediate/middle school students:

Section 2, lines 3 and 4 (pg. 3) - Revise the definition of "school athletics" to cover "grade nine to grade twelve." instead of ~~grade six to grade twelve~~.

*Section 4, lines 5-7 (pg. 4) - "...Athletic Association shall jointly develop a concussion monitoring and educational program for school athletics and an educational program only for youth athletic activities that require." (*On Page 3, line 18, the reference to Section 4 should be deleted for clarity.)

Section 4 (5), lines 7 and 8 (pg. 7) - Replace "~~Cognitive testing of participants prior to the start of each season of school athletics;~~" with "Cognitive testing of school athletics participants as determined by the department of kinesiology and rehabilitation science of the University of Hawaii, the department of education, and the Hawaii High School Athletic Association;"

Section 4 (6), lines 9 and 10 (pg. 7) - "Continuous data collection and monitoring of ~~high school~~ concussions in school athletics...."

Section 4 (8), line 14 (pg. 7) - "Organizations traveling from ~~without~~ outside..."

Section 3, line 7 (pg. 8) - Add "(2) Develop and implement a concussion and awareness program for youth athletics; and" Renumber the current item (2) to (3).

Section 5, line 17-20 (pg. 8) and line 1-4 (pg. 9) - Delete appropriation to the department of education. Respectfully, the Department requests that the total appropriation be given to the department of kinesiology and rehabilitation science of the University of Hawaii for the purposes of this proposed Act.

The Department continues to work collaboratively with the department of kinesiology and rehabilitation science of the University of Hawaii, and we would like to continue this partnership.

Thank you for this opportunity to provide testimony on SB 2557 SD2 HD1



Hawaii High School Athletic Association

P.O. BOX 62029 • HONOLULU, HAWAII 96839
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www.sportsHigh.com

April 4, 2016

S.B. No. 2557, Relating to Concussions

I, Christopher Chun, Executive Director of the Hawaii High School Athletic Association (“HHSAA”), on behalf of HHSAA support S.B. No. 2557 relating to concussions. The HHSAA governs high school varsity coaches and student-athletes. This Bill provides needed expansion and continued funding of its predecessor, Act 197, Session Laws of Hawaii 2012. Act 197 has successfully impacted the lives of over one hundred thousand student-athletes in Hawaii by ensuring all high school coaches are concussion certified, and our student-athletes are protected by baseline testing.

S.B. No. 2557 will ensure that Hawaii student-athletes are continually protected and monitored by one of the most far reaching concussion programs in the country. Without it, several state agencies will likely be exposed to potential liability and lawsuits that have arisen in other states across the country such as those in Illinois, California, and Pennsylvania. These lawsuits have sought for concussion baseline testing to be mandatory and a precursor to high school athletic activities. SB 2557 is proactive and already complies with what is being sought in litigation across the country. It is important that Hawaii continues to move forward in protecting our student-athletes from concussions.

The HHSAA agrees with the Department of Education, Hawaii Athletic Trainers Association, and University of Hawaii, that the following changes should be made:

1. Page 3, Line 4: “six” should be changed to “nine”.
2. Page 3, Line 18: “4” should be changed to “3”.
3. Page 4, Line 6: after athletics, “and youth athletic activities” should be added.
4. Page 5, Line 18: “and” should be changed to “and/or”.
5. Page 7, Lines 4: “certified” should be changed to “State of Hawaii registered”.
6. Page 7, Lines 7-8: “Cognitive testing of participants prior to the start of each season of school athletics;” should be replaced with “Cognitive testing of school athletics participants as determined by the department of kinesiology and rehabilitation science of the University of Hawaii, the department of education, and the Hawaii High School Athletic Association;”

7. Page 7, Lines 9-10: remove “high school”.
8. Page 7, Line 10: after concussions, add “in school athletics”.
9. Page 7, Line 14: “without” should be changed to “outside”.
10. Page 7, Lines 18-19: remove “, and out-of-state athletic trainers who have served their respective teams for less than one month”.
11. Page 8, Line 1: “3” should be changed to “4”.
12. Page 8, Line 6: remove “and”.
13. Page 8, Line 7: insert a new number (2) as follows, “(2) Develop and implement a concussion and awareness program for youth athletics; and”
14. Page 8, Line 7: “(2)” should be changed to “(3)”.
15. Page 8, Line 12: “4” should be changed to “5”.
16. Page 8, Lines 17-Page 9, Line 4: delete all.

About the HHSAA

Founded in 1956, the Hawaii High School Athletic Association is a non-profit, 501(c)(3) educational athletic organization exclusively dedicated to serving 96 public and independent member high schools statewide, as they work cooperatively to support and promote athletics as part of the high school education program. As the umbrella organization of high school athletics, the HHSAA operates 44 state championships in 18 different sports, establishing consistent standards and rules for competition, in addition to providing professional development opportunities for coaches and athletic administrators.

For more information on the Hawaii High School Athletic Association, go to www.sportshigh.com.

From: mailinglist@capitol.hawaii.gov
Sent: Monday, April 04, 2016 8:16 AM
To: FINTestimony
Cc: angelashuman@apta.org
Subject: Submitted testimony for SB2557 on Apr 5, 2016 14:31PM

SB2557

Submitted on: 4/4/2016

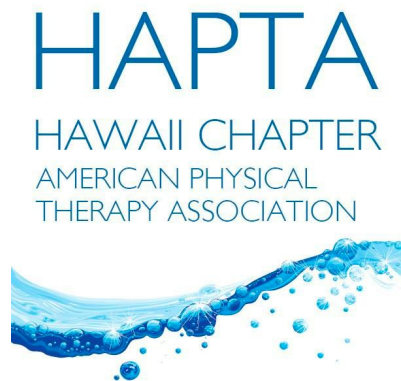
Testimony for FIN on Apr 5, 2016 14:31PM in Conference Room 308

Submitted By	Organization	Testifier Position	Present at Hearing
Angela Shuman	American Physical Therapy Association	Comments Only	No

Comments: APTA supports this legislation if amended as recommended in the attached testimony.

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

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**Chair Luke
Finance Committee**

**SB2557 SD2 HD1 Relating to Concussions
Tuesday, 4/5/2016
2:31 pm, Room 308**

Position: SUPPORT WITH AMENDMENTS

Chair Luke and members of the Finance Committee,

The Hawaii Chapter of the American Physical Therapy Association (HAPTA) is a non-profit professional organization serving more than 300 Physical Therapists and Physical Therapist Assistants. Concussions have a significant impact on the health of individuals and society. The American Physical Therapy Association recognizes that physical therapists are part of the multidisciplinary team of licensed health care providers that perform concussion management. The chapter **supports** SB 2557 which would expand the concussion educational program and strongly recommend **amendment** to Section 2, page 2, line 18-20 to include “physical therapist” under the definition of “Licensed health care provider”.

In the United States, the emergency department (ED) treats approximately 248,418 student athletes annually for traumatic brain injuries, including concussion as reported by the Centers for Disease Control and Prevention (CDC). The number of individuals who sustain concussions is larger than this, as some individuals do not receive treatment or are not assessed at the ED. It is very important to raise awareness of signs and symptoms as well as risk factors of concussions. It is also important to monitor those involved in school athletics and youth athletics consistently. HAPTA supports SB 2557.

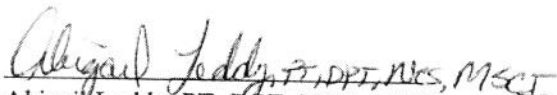
Physical therapists are licensed health care professionals who are trained in diagnosis and management of traumatic brain injury. Physical therapists provide a unique contribution to the multidisciplinary team due to training in balance and vestibular evaluation and rehabilitation.

- Physical Therapists perform comprehensive examination of the whole body and balance systems to determine impairments and/or symptoms from concussion.
- Physical therapists:
 - Determine impairments and system abnormalities based on sensory, vestibular, or visual system examination
 - Implement and prescribe patient specific exercises to improve postural stability and dynamic balance reactions, as well as educate to reduce risk of falling
 - Implement and prescribes specific exercises to assist in diminishing symptoms of dizziness associated with concussion due to vestibular and visual deficits

- Treat the following causes of post-concussive dizziness which include but are not limited to: Benign paroxysmal positional vertigo (BPPV), Post-traumatic migraines, Labyrinthine Concussion, Perilymphatic Fistula, Brainstem Concussion
- Perform detailed screenings and interpretation of information to identify presence of concussion, reintroduce physical activity, and return to play as indicated while working with multidisciplinary team involved with the person's care (Physician, Neurologist, Neuropsychologist, ATC).
- Assess for differential diagnoses for more emergent conditions such as subdural hematoma, intracerebral hemorrhage, or vertebral artery dissection/cervical spine trauma
- At the federal level, it is a strong position of the American Physical Therapy Association (APTA) that physical therapists have an active role in concussion management, education, prevention, examination, evaluation, treatment, and making return to participation decisions. The current Safe Play Act (HR 829/S 436) for concussion management includes physical therapists as integral part of the multidisciplinary team with firm support of the larger American Physical Therapy Association.

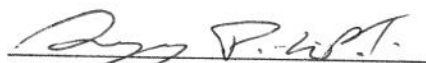
In closing,

- 1) Physical therapists are an integral part of the multidisciplinary team to address concussion awareness and administer concussion evaluation and treatment in individuals 4-18 years old.
- 2) It is the position of HAPTA that this bill should be strongly supported with the amendment to include physical therapists under the definition of "Licensed health care provider".


Abigail Leddy, PT, DPT, NCS, MSCI

Legislative Committee

Hawaii Chapter of the American Physical Therapy Association


Gregg Pacillio, PT

President

Hawaii Chapter of the American Physical Therapy Association



UNIVERSITY OF HAWAII SYSTEM

Legislative Testimony

Written Testimony Presented Before the
House Committee on Finance
Tuesday, April 5, 2016 at 2:31 p.m.

By
Robert Bley-Vroman
Chancellor
and
Donald B. Young
Dean and Professor
College of Education
University of Hawai'i at Mānoa

LATE

SB 2557 SD2 HD1 – RELATING TO CONCUSSIONS

Chair Luke, Vice Chair Nishimoto, and members of the Committee on Finance, thank you for this opportunity to provide testimony in support of SB 2557 SD2 HD1.

The University of Hawai'i at Mānoa, College of Education, Department of Kinesiology and Rehabilitation Science supports SB 2557 SD2 HD1; however we would like to make specific recommendations. More specifically, recommended changes include the following:

1. Change "School athletics" definition from grade "six" to grade "twelve", to grade "nine" to grade "twelve". This would specifically address the high school intent of the concussion management program (Page 3, line 4).
2. Cognitive testing. Page 7, Lines 7-8: "Cognitive testing of participants prior to the start of each season of school athletics;" should be replaced with "Cognitive testing of school athletics participants as determined by the department of kinesiology and rehabilitation science of the University of Hawaii, the department of education, and the Hawaii High School Athletic Association;"
3. Page 8, lines 17, through page 9, line 2 (Section 5) - delete this section

Thank you for this opportunity to provide testimony on SB 2557 SD2 HD1.

Natalie Sheehey
sheehey@gmail.com

LATE

April 4th, 2016

To: Senator Tokuda
Senator Dela Cruz
Senator Baker
Senator Shimabukuro
Senator Gabbard
Senator Inouye
Committee on Finance
Committee on Health

From: Natalie Sheehey, BSW

RE: SB 2557 SD2 HD1, Relating to Concussions, Support

Senators Tokuda, Dela Cruz, Baker, Shimabukuro, Gabbard, Inouye, and committee members: I am testifying in support to SB 2557 SD2 HD1, Relating to Concussions. My name is Natalie Sheehey and I am a graduate student in the School of Social Work at the University of Hawai'i. I support this bill for the following reasons:

- Children are a vulnerable population that need guidance, advocates, and support. Increasing access to information regarding the effects of concussions and monitoring young student-athletes could improve mental health outcomes for their futures.
- Youth are not the only individuals who would benefit from the educational information and concussion testing. Many parents are not aware of the risks involved with youth sports in regards to concussions, or the proper help to seek if their child has a sports-related injury.
- I strongly support this bill because Hawaii's youth are at risk for negative mental health effects from sports related concussions. Awareness, education, and monitoring can serve as effective preventative measures for negative future implications.

Thank you for the opportunity to testify.

LATE

April 4, 2016

To: Rep. Sylvia Luke, Chair
Committee On Finance

From: Lisa Dau, RN
Injury Prevention Coordinator
Kapiolani Medical Center for Women & Children
Safe Kids Hawaii
1319 Punahou St, #904
Honolulu, HI 96826

RE: SB2557, SD2, HD1 Relating to Concussions

As a representative of Kapiolani Medical Center for Women & Children and Safe Kids Hawaii, we are in STRONG SUPPORT for passing of the SB 2557 relating to concussions. This act allows the current concussion educational program to expand to include youth's age 11 to 18 who participates in athletic activities; appropriate funds for the development and implementation of the concussion-monitoring program and to implement the concussion program to include students aged 11 to 13.

Educational programs in concussion brings awareness of the importance for all persons involved in youth sports and activities that places children at risk for biomechanical forces that may result in brain injury. Recognizing and responding properly to concussions when they first occur can help prevent further injury or even death. Because the results of these injuries are cumulative, it is essential that they be prevented at the youth level. Providing education on safe play is equally important as promoting physical activity for a healthier lifestyle.

Thank you for the opportunity to provide testimony on this very important measure.

April 4, 2016

LATE

To: Rep. Sylvia Luke, Chair
Committee On Finance

From: Lisa Dau, RN
Injury Prevention Coordinator
Keiki Injury Prevention Coalition
P.O. Box 61954
Honolulu, HI 96839

RE: SB2557, SD2, HD1 Relating to Concussions

As a representative of Keiki Injury Prevention Coalition (KIPC), we are in **STRONG SUPPORT** for passing of the SB 2557 relating to concussions. This act allows the current concussion educational program to expand to include youth's age 11 to 18 who participates in athletic activities; appropriate funds for the development and implementation of the concussion-monitoring program and to implement the concussion program to include students aged 11 to 13.

Educational programs in concussion brings awareness of the importance for all persons involved in youth sports and activities that places children at risk for biomechanical forces that may result in brain injury. Recognizing and responding properly to concussions when they first occur can help prevent further injury or even death. Because the results of these injuries are cumulative, it is essential that they be prevented at the youth level. Providing education on safe play is equally important as promoting physical activity for a healthier lifestyle.

Thank you for the opportunity to provide testimony on this very important measure.

April 5, 2016 at 2:31 PM
Conference Room 308

LATE

House Committee on Finance

To: Representative Sylvia Luke, Chair
Representative Scott Nishimoto, Vice Chair

From: Laura Bonilla
Executive Director, Pediatric & Women's Service Line
Kapi'olani Medical Center for Women & Children

Re: SB 2557, SD2, HD1 - Testimony in Support

My name is Laura Bonilla, and I am the Executive Director of the Pediatric and Women's Service Line at Kapi'olani Medical Center for Women & Children (KMCWC). Kapi'olani Medical Center is the state's only maternity, newborn and pediatric specialty hospital with 207 beds and 66 bassinets. Kapi'olani is also a tertiary care, medical teaching and research facility. The not-for-profit hospital is an affiliate of Hawai'i Pacific Health.

Kapi'olani **supports** SB 2557, SD2, HD1 which expands the concussion educational program established under Act 197, Session Laws of Hawaii 2012 and incorporates concussion protocol program requirements. The issue of concussion management in interscholastic sports and youth sports leagues has been an important area of study both in Hawaii and across the nation. This is a key area for childhood injury prevention and the expansion of the concussion education program would help to keep our keiki safe.

Thank you very much for the opportunity to testify on this measure.