



# The Sudden Cardiac Arrest Prevention Act – AB1639







**BRIAN MAIENSCHEIN**

ASSEMBLYMAN, SEVENTY-SEVENTH DISTRICT

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## **Assembly Bill 1639**

**Youth Sports:  
Sudden Cardiac Arrest Prevention Act**

**If you had the ability to  
prevent a tragedy,  
wouldn't you?**

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- Sudden Cardiac Arrest (SCA) is a leading cause of death under 25, and the #1 killer of student athletes
- Nearly 1 in 100 kids has an undetected heart condition
- American Heart Association cites nearly 10,000 youth affected annually
- Sudden Cardiac Arrest Foundation calls SCA a public health crisis with a dangerously low awareness
- American Board of Family Medicine study noted that 72% of students who suffered from SCA had at least one symptom before the event—they just didn't recognize it as life threatening
- 2014 IOC World Conference of Prevention of Injury & Illness in Sport cites SCA rates in U.S. high schools as significantly greater than previously reported, noting the media misses at least 50% of cases
- In Italy, they check every student athlete's heart and have reduced sudden cardiac death by 89%
- At least 15% of CIF high schools are aware of an SCA event having occurred in their student community – that's hundreds of students lost to a syndrome that could be prevented
- 2015 National Center for Catastrophic Sport Injury Research cites that more athletes die from sudden cardiac arrest than from sport-related trauma

# What We Know About SCA

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## Teen Collapses at Mission Hills High School, Dies

Anthony Vaeao, 18, collapsed in the school gym Thursday afternoon

Friday, May 18, 2012 • Updated at 10:07 PM PDT

Family, friends and classmates of a popular San Marcos teenager are trying to make sense of what caused the 18-year-old's sudden death.

**PRESS-TELEGRAM**

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## Long Beach Poly football player Frank Murphy dies



## San Diego State's Dwayne Polee collapses on the court

By Jeff Eisenberg  
December 23, 2014 12:45 AM  
The Chigger

Whittier Daily News

## NEWS

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## Whittier High students rally to support Mason Tellez, still hospitalized after collapse



Photo courtesy Whittier Union High School District Whittier High School cross country runner Mason Tellez collapsed Monday, March 31, 2014 during practice at Michigan Park. The cause was an undiagnosed heart condition.

Comments

By Vanessa Tellez  
POSTED 04/01/14

**BAKERSFIELDnow.com**  
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## Boy dies after collapsing in Delano gym class

By BakersfieldNow staff | Published: Jan 27, 2015 at 5:12 PM PST | Last Updated: Jan 27, 2015 at 10:18 PM PST

# Heart issues led to Ramona teen's death

By Teri Figueroa 4:50 P.M. JULY 1, 2013

PRINT

## Teen athlete meets his challenge

### School event will help raise funds for medical research

By Stephanie Bertholdo  
sbertholdo@theacorn.com



Athletics once defined Max Horland as a student at [Agoura High School](#).

Not anymore.

Max, a 16-year-old junior, almost died on Oct. 20, 2013. He was playing in a singles tennis match at school when his heart started to race so fast that he almost collapsed.

# Tragic Loss of Life in CA



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**Marysville teen has near-death experience on basketball court**  
 By Claire Dorn  
 8/10

*Erik Scheive went into cardiac arrest during Reno tourney*

UPDATED: 6:27 AM PDT, Jun 19, 2016

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**Concord: Nurse's quick thinking saves child at Highland Elementary School**  
 By Rick Hurd Contra Costa Times

POSTED: 01/09/2014 06:22:06 AM PST 0 COMMENTS

**ORANGE COUNTY REGISTER**

**Esperanza athlete who suffered cardiac arrest dies**  
 Morgan Wilson, 27, collapsed in warm-up at Anaheim Tennis Center on July 6.




**The legacy of Darius Jones**  
 ecinos | September 26, 2013 | 0 Comments

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**THE PRESS ENTERPRISE**

**RIVERSIDE: Boy who died on soccer field lifted others**  
 JANUARY 31, 2014 BY RICHARD K. DEATLEY

So many of Chris Thornberry's classmates gathered to grieve and to pray for the 12-year-old who collapsed and died Thursday that they overflowed the Riverside Christian Schools chapel that night.




**abc 10 NEWS KGTV SAN DIEGO**

**El Camino High School Student Collapses Dies**  
 Student Identified By Friends As Brandon Zapata, 15

POSTED: 4:32 AM, Oct 26, 2010

**18-year-old who died in Lomita-area park identified**  
 Posted: Apr 03, 2014 11:44 AM PST  
 Updated: Apr 03, 2014 11:55 AM PST



**SAN DIEGO (CNS)** - Authorities Friday released the name of an 18-year-old man who died of an apparent medical emergency shortly after collapsing at a Lomita-area park.

Bryan Camacho of Chula Vista was playing soccer at Keller Park on Woodrow Avenue in San Diego when he complained of feeling tired about 7:15 p.m. Thursday, according to police and the county Medical Examiner's Office.

**Apple Valley Youth Hockey Player Died From Heart Defect**  
*The 14-year-old collapsed during a game with his Eastview Hockey Association team.*

By Your Community (Patch National Staff)  
 Updated November 17, 2014 at 8:37 am



Youths participating in a 2011 5k run at Waterfront Park in downtown Martinez. The run was the second annual event of the Darius Jones Foundation. A photo from the 2011 5k run that took place at the Martinez Marina, which was put on by the Darius Jones Foundation, their second year putting it on. (COURTESY / On File)

On Oct. 11, 2009, former St. Catherine of Siena student Darius Jones collapsed at a youth basketball game in Pittsburg, Calif., after having suffered sudden cardiac arrest. He was 15 years old when he died.

# Tragic Loss of Life in CA





Olivia Hoff, age 14.  
Liberty High student.

Died April 22, 2004,  
at home due to  
cardiac arrest.



Alberto "Beto"  
Hernandez, Age 13.  
Rio Bravo Greeley  
student.

Died March 27,  
due to  
st.



Caleb Hannik, Age 15.  
Centennial High  
School student.

Died November 16,  
2012 while attending  
school due to Cardiac  
Arrest.



Jose Beltran, Age  
13. Cecil Middle  
School student in  
Delano.

Died January 27,  
while running  
school gym  
collapsed due  
Cardiac Arrest



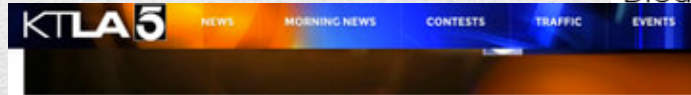
Paula Hernandez, Age  
14. Richland Junior  
High School student in  
Shafter.

Died May 7, 2015 after  
feeling dizzy, she left to  
get a drink of water  
and collapsed due to  
Cardiac Arrest.

## THE SACRAMENTO BEE

**Sacramento youth basketball community  
shaken by on-court death of Elk Grove boy**

**HIGHLIGHTS**  
Aaron Nguyen collapsed during Friday night practice  
Seventh-grader complained of leg pain, stopped breathing  
Sudden death seems more frequent in basketball than other sports, doctor says



A female student at Notre Dame High School in Sherman Oaks has died after collapsing  
during basketball practice on Monday, according to school officials.



Nikki Valdez, a freshman, was at the team's practice in the  
afternoon when she suddenly collapsed, the school's  
president, Brett Lowart, [said in a statement](#).

The team was doing a "track run" when Valdez fell to the  
ground, a teammate said.

"We were at practice ... I was just walking and she collapsed  
and that's all I heard," said teammate Nichole Macciello,  
who called 911

ANGELA, AGE 16, SEPT  
30, 2011, FREMONT  
HIGH SCHOOL, LOS  
ANGELES, CA

TJ, AGE 15, FEB 15,  
2001, NORTH  
MONTEREY COUNTY  
HIGH SCHOOL.

TRAVIS, AGE 14, MAY  
20, 2005, THOMPSON  
MIDDLE SCHOOL,  
MURRIETA, CA

SHAUNA AGE 14, FEB  
15, 2006, ESPERANZA  
HIGH SCHOOL, YORBA  
LINDA, CA

MEGAN, AGE 14, SEPT  
26, 2007, LAGUNA  
NIGUEL REGIONAL  
PARK

MIKEY, AGE 17, DEC 2,  
2008, LOS GATOS HIGH  
SCHOOL, LOS GATOS,  
CA

# Tragic Loss of Life in CA



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## Ted Agu died from a common heart condition, coroner says

BY KIMBERLY VEKLEROV | SENIOR STAFF LAST UPDATED APRIL 26, 2014

Former UC Berkeley junior Ted Agu — the Cal football player who died after a teamwide training run Feb. 7 — was afflicted with hypertrophic cardiomyopathy, a common heart condition that can lead to sudden cardiac arrest. He was 21.



Hypertrophic cardiomyopathy is a disease in which excessive muscle



## Murrieta student's death leads to observance

*Efforts spur state to honor sudden cardiac arrest victims, survivors*

By: JENNIFER KABBANY - Staff Writer

Today is Travis Roy's 16th birthday, but the De Luz teenager won't be blowing out candles or opening gifts. Travis died from sudden cardiac arrest a little more than a year ago.

## Marysville High's Scheive cleared to play after cardiac arrest

Story Comments Image (1) Print Font Size: [icon] [icon]

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Posted: Saturday, August 2, 2014 12:03 am | Updated: 11:32 pm, Sun Aug 3, 2014.

## Sac State student dies after basketball game on campus

Paul Jones, KXTV 12:17 p.m. PDT August 28, 2014

SACRAMENTO — A 23-year-old student died after playing a late-night game of basketball at Sacramento State University Wednesday.

Sacramento State spokesperson Kim Nava confirmed the student collapsed shortly after playing basketball in the campus gym just before midnight.



## Teen's Sudden Death Sparks Changes At County Schools

POSTED: 4:04 AM, May 10, 2010



The sudden death of a local teenager has resulted in a change coming to every San Diego County school this fall.

Eric Paredes, 15, was a picture of good health. He was a Steele Canyon High School football player, wrestler and leader among his peers.

# Tragic Loss of Life in CA



- On January 30, 2015 the California Interscholastic Federated Council voted unanimously to amend CIF Bylaws 22.B.(9) and 503 to include language enacting new training and education protocol on Sudden Cardiac Arrest (SCA) prevention

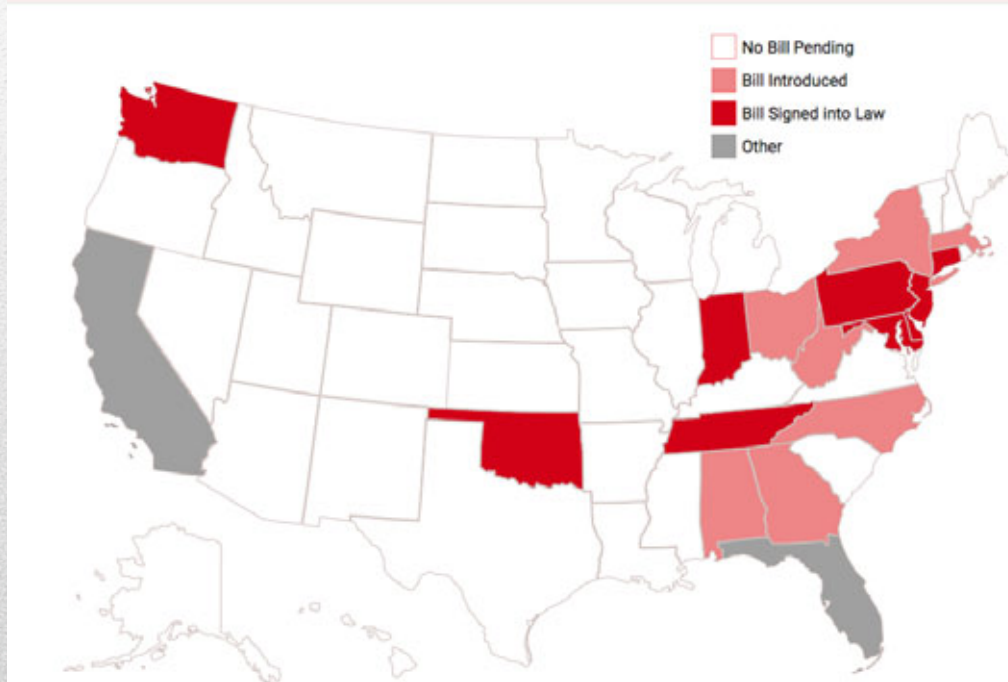
# CIF Supports SCA Prevention





## Legislation by State

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### Passed in 9 States

- Washington (SB5083) 2015
- Oklahoma (SB607) 2015
- Tennessee (HB32/SB985) 2015
- Connecticut (SB229) 2014
- New Jersey (SB2367) 2014
- Delaware (SB205) 2014
- Maryland (HB427) 2014
- Indiana (HB1290) 2014
- Pennsylvania (Act 59) 2012

### Pending in 6 States

North Carolina (H162) 2015  
Alabama (HB649) 2015  
West Virginia (HB2623) 2015  
New York (A04216) 2015  
Massachusetts (SB1157) 2015  
Ohio (TBD) 2015

### Adopted by 2 Athletic Assns

- California 2015
- Florida 2015

# Prevention Act



- Budget Neutral
- Mirrors Concussion Bill That Passed in 50 States
- CA high school athletic directors overwhelming support new sudden cardiac arrest prevention protocol, and 87% believe this training should extend throughout a student's K-12 experience as well as in community/club sports programs
- The Only Bill that Protects Student Athletes from SCA



**The Last Lap Could be a Real Killer.**

Screen your teen to prevent Sudden Cardiac Arrest



# SCA Prevention Act

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- Parent & student sign a form in sports packet explaining the warning signs/risk factors of SCA

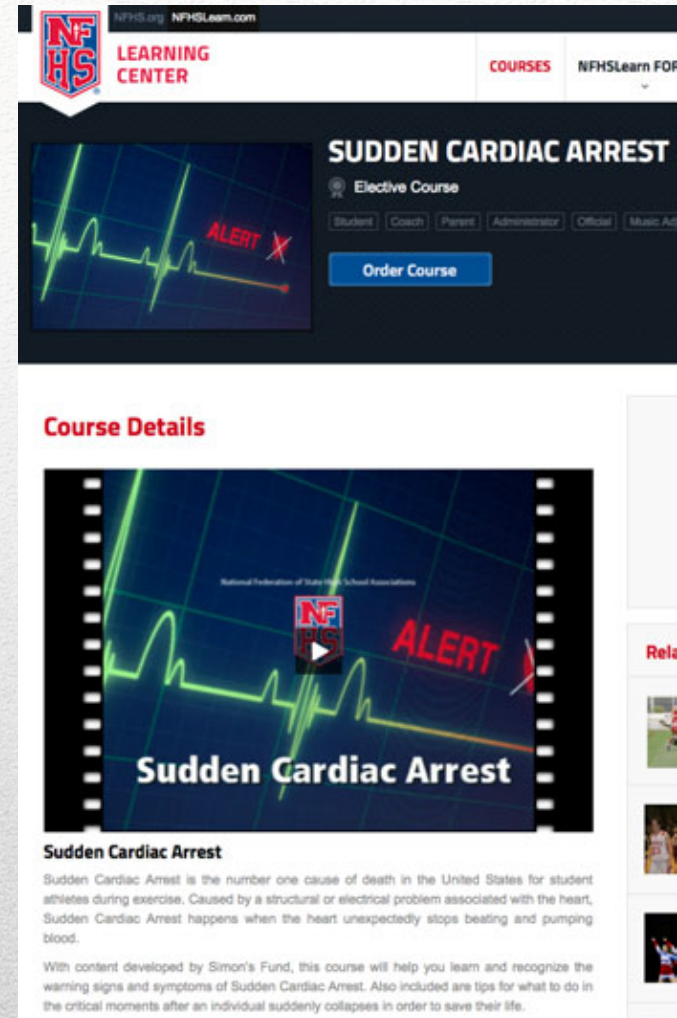


# Elements of the Act



- Coaches participate in bi-annual SCA training via free, 10-minute online video at NFHS, which also has a pre-test, post-test and score reporting tool that is useful to administrators

<https://nfhslearn.com/courses/61032/sudden-cardiac-arrest>



The screenshot displays the NFHS Learning Center website. At the top, the NFHS logo and 'NFHSLearn.com' are visible. The 'LEARNING CENTER' header is prominent. Below it, the 'SUDDEN CARDIAC ARREST' course is featured. A green ECG line with a red 'ALERT' label and a red 'X' is shown. To the right, there's a section for 'Elective Course' with buttons for 'Student', 'Coach', 'Parent', 'Administrator', 'Official', and 'Music Ad'. A blue 'Order Course' button is also present. Below this, the 'Course Details' section shows a video player with the same ECG and 'ALERT' graphic. The video title is 'Sudden Cardiac Arrest'. Below the video, there's a description: 'Sudden Cardiac Arrest is the number one cause of death in the United States for student athletes during exercise. Caused by a structural or electrical problem associated with the heart, Sudden Cardiac Arrest happens when the heart unexpectedly stops beating and pumping blood. With content developed by Simon's Fund, this course will help you learn and recognize the warning signs and symptoms of Sudden Cardiac Arrest. Also included are tips for what to do in the critical moments after an individual suddenly collapses in order to save their life.'

# Elements of the Act



- Coaches empowered to remove from practice/play a student athlete exhibiting SCA symptoms
- A student-athlete who has been removed from play after displaying signs or symptoms associated with SCA may not return to play until he or she is evaluated and cleared by a licensed health care provider.
- While some may perceive it as an inconvenience for an athlete to miss a game while waiting to be cleared, it would be a tragedy to miss a warning sign that was a precursor to that student's death.



## A Whole New Meaning to Sudden Death

Screen your teen for Sudden Cardiac Arrest



# Elements of the Act

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***Through awareness, education and action, our mission is to influence families, educators, elected officials and the medical community to recognize the incidence of youth sudden cardiac arrest, the importance of preventative heart screenings, and the need to equip schools with AEDs and CPR/AED training.***

- 18,000+ Free Screenings Provided to CA Youth 12 – 25 Since 2010
- Nearly 1 in 100 Youth Found at Risk
- CPR/AED Hands-On Education
- AED Placement in Schools & Youth Centers



# About Sponsor

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