

PROJECT ADAM



The Joint Pediatric and Congenital Heart Program, a collaboration of Kentucky Children's Hospital and Cincinnati Children's, is jointly ranked by *U.S. News & World Report*.



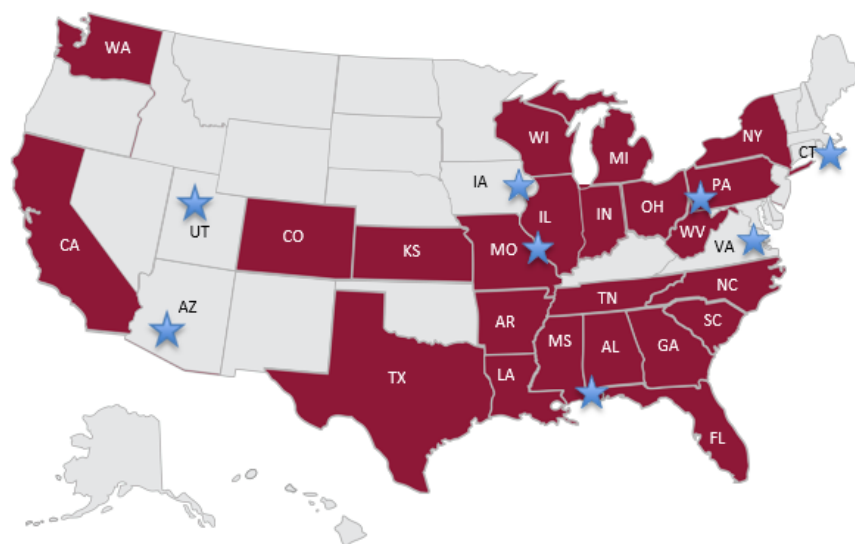
History

- In 1999 Adam Lemel, a 17-year old athlete, collapsed and died while playing basketball
- An AED was not available
- Adam's parents created Project ADAM (Automated Defibrillators in Adam's Memory) - in collaboration with Children's Wisconsin's Herma Heart Institute



Project ADAM[®]

SAVES LIVES



30

ESTABLISHED PROGRAMS

23

STATES



USA In Progress Sites

Canada In Progress Site; Alberta, Canada

July 2021

ESTABLISHED AFFILIATE SITES

Children's Wisconsin
(& National Office)

Golisano Children's Hospital,
Southwest Florida

U.C. Davis Children's Hospital

KU Wichita Pediatrics

Children's Healthcare of
Atlanta

Nicklaus Children's Hospital

Children's Hospital of
Philadelphia

Duke Children's Hospital

Cook Children's Medical
Center

Ann & Robert H. Lurie Children's
Hospital of Chicago

Texas Children's Hospital

MUSC Children's Hospital

Children's of Alabama

Cleveland Clinic Children's

East Tennessee
Children's Hospital

Ochsner Hospital for Children

Monroe Carell Jr. Children's
Hospital at Vanderbilt

Children's Mercy Hospital
Kansas City

Providence Sacred Heart
Children's Hospital

West Virginia Chapter of the
American Academy of
Pediatrics

C.S. Mott Children's Hospital

Rady Children's Hospital –
San Diego

Children's Hospital Colorado

Riley Hospital for Children at IU
Health

Nationwide Children's
Hospital

Maria Fareri Children's Hospital

Arkansas Children's Hospital

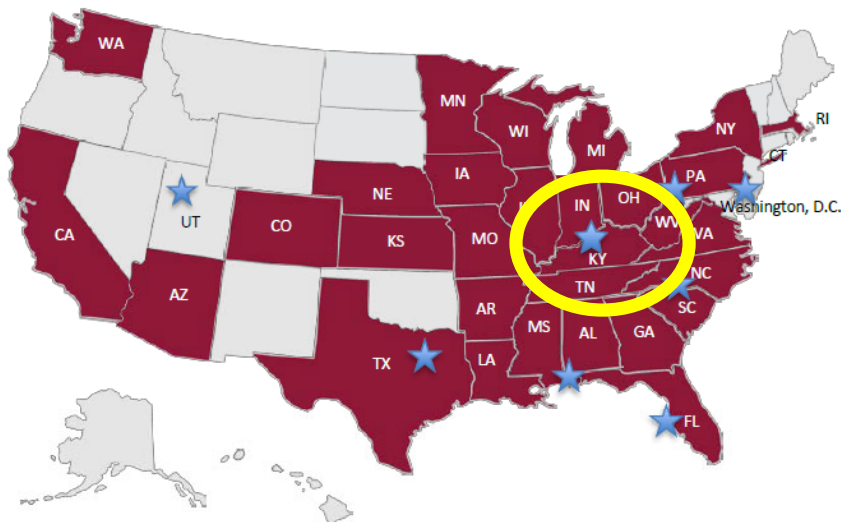
University of Mississippi Medical
Center/Children's Hospital

Cincinnati Children's

Le Bonheur Children's Hospital

Project ADAM[®]

SAVES LIVES



40

ESTABLISHED PROGRAMS

31

STATES



USA In Progress Sites

Canada In Progress Site; Alberta, Canada

Updated July 25, 2023

ESTABLISHED AFFILIATE SITES

Children's Wisconsin/National Office	MUSC Shawn Jenkins Children's Hospital
Children's Healthcare of Atlanta	Cleveland Clinic Children's
Children's Hospital of Philadelphia	Ochsner Hospital for Children
Children's of Alabama	Children's Mercy Kansas City
Providence Sacred Heart Children's Hospital	West Virginia Chapter of the American Academy of Pediatrics
Cook Children's Medical Center	Rady Children's Hospital
East Tennessee Children's Hospital	Riley Hospital for Children at IU Health
U-M Health C.S. Mott Children's Hospital	Maria Faren Children's Hospital
Children's Hospital Colorado	University of Mississippi Medical Center/Children's Hospital
UC Davis Children's Hospital	Le Bonheur Children's Hospital
Nationwide Children's Hospital	University of Iowa Stead Family Children's Hospital
Texas Children's Hospital	Yale New Haven Children's Hospital
Monroe Carell Jr. Children's Hospital at Vanderbilt	Children's Minnesota / Children's Heart Clinic
Arkansas Children's	St. Louis Children's Hospital
Cincinnati Children's	USA Women and Children's Hospital
Golisano Children's Hospital, Southwest Florida	Children's Hospital & Medical Center
KU Wichita Pediatrics	Hasbro Children's Hospital
Nicklaus Children's Hospital	Children's Hospital of Richmond at VCU
Duke Children's Hospital	Phoenix Children's Hospital
Ann & Robert H. Lurie Children's Hospital of Chicago	Kentucky Children's Hospital

How does SCA effect schools?

- Annual Out-of-Hospital Cardiac Arrest:
More than 350,000
- Survivor rate (overall): 12%
- Bystander CPR (overall): 46.1%
- Every minute defibrillation is delayed,
chance of survival decreases 10%

*On any given day, approximately 20 percent of
the community is in its schools*



What is a **Heart Safe School**?

- ✓ AEDs are available and accessible.
- ✓ There is a written emergency response plan and a team of CPR/AED trained staff ready to act in an emergency.
- ✓ The school conducts regular cardiac emergency response practice drills.

Heart Safe Checklist

AUTOMATED EXTERNAL DEFIBRILLATORS (AEDs)	YES	NO	NEED HELP	COMMENTS
AED equipment location(s) on a school campus makes it possible to retrieve an AED, apply pads and deliver a shock (if needed) to an unresponsive victim in under three minutes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AED(s) have clear signage.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
The AED(s) is checked for performance readiness at least monthly, or per manufacturer's directions and documented each time.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
We keep a first responder kit near or attached to the AED which includes: CPR barrier device, scissors, gloves, razor, and towel.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CARDIAC EMERGENCY RESPONSE TEAM	YES	NO	NEED HELP	COMMENTS
A CPR-AED Site Coordinator is identified, who oversees the CPR-AED program activities and training.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
There is a designated Cardiac Emergency Response Team comprised of at least 10% of staff or five to 10 people.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

CARDIAC EMERGENCY RESPONSE PLAN	YES	NO	NEED HELP	COMMENTS
We have a written Cardiac Emergency Response Plan that is reviewed annually.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
We have a cardiac emergency communication code to notify responders and others in the area that an incident is occurring. Staff outside always carry a communication device.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Local emergency medical services have been notified of our CPR-AED program.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Our school's written Cardiac Emergency Response Plan, including location of school AED(s), has been shared with any outside groups and organizations who utilize our facilities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
TRAINING/EDUCATION	YES	NO	NEED HELP	COMMENTS
CPR-AED training for the Cardiac Emergency Response Team is updated at least every two years and there is a system in place to track retraining. Project ADAM recommends CPR-AED certifications are updated every two years or Hands-Only CPR-AED trainings are updated annually.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All faculty and staff know where the AED(s) are located and how to access them.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All faculty and staff have annual education on sudden cardiac arrest (SCA) awareness, signs and how to recognize SCA (sudden collapse and unresponsive; victim may have initial seizure-like or continued respiratory movements). Communication procedures and the school's Cardiac Emergency Response Plan are also shared during this education.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CARDIAC EMERGENCY RESPONSE DRILLS	YES	NO	NEED HELP	COMMENTS
We conduct at least one annual cardiac emergency response drill (AED drill) to test our emergency plan and communication. A drill summary checklist is utilized for planning purposes and post-drill review.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

How does Project ADAM help?

- ▶ Cardiac Emergency Response Plan development
- ▶ CPR training resources for team members
- ▶ AED education and purchase resources
- ▶ Education about Sudden Cardiac Arrest
- ▶ Heart Safe School Designation
- ▶ www.projectadam.com

House Bill 331

- ▶ Maintain a portable AED in a public, readily accessible, well-marked location of every middle and high school building and at every school sanctioned event, practice or athletic competition
- ▶ Adopt procedures for the usage of AEDs during an emergency
- ▶ Adopt policies on training, maintenance, notification, and communication with local emergency medical services
- ▶ Ensure that a minimum of three (3) school employees and all interscholastic athletic coaches be trained on how to use an AED

For more information:

- ProjectADAMKCH@uky.edu
- www.projectadam.com



BECOME A HEART SAFE SCHOOL

Project ADAM (Automated Defibrillators in Adam's Memory) is a not-for-profit program that will be part of Kentucky Children's Hospital. The goal of our program is to build relationships and support schools and communities in being prepared for a sudden cardiac arrest. Being recognized as a Project ADAM Heart Safe School demonstrates to your families and the community that your campus has taken steps to implement a program to respond to SCA (Sudden Cardiac Arrest).

How we'll help

A Kentucky Children's Hospital team will assist in leading on-site education and training to ensure your school has a response plan in place for a cardiac emergency.

Your institution can become a "Heart Safe School" through Project ADAM. Achieving this designation means your school has taken all necessary steps to safeguard the health of students, including:

- Ensuring automated external defibrillators (AEDs) are available, accessible and clearly marked
- Creating a written response plan to follow during a cardiac emergency
- Identifying and training your staff in the use of CPR and AEDs during cardiac emergencies
- Conducting emergency response practice drills

How to reach us

Shaun Mohan, MD, MPH, FAAP, FHRS, FACC
Associate Professor of Pediatrics
Pediatric & Congenital Electrophysiology
Pediatric Cardiology
Kentucky Children's Hospital
Email: ProjectADAMKCH@uky.edu

Madison Baugh, MHA
Assistant Director of Operations
Kentucky Children's Hospital
Email: ProjectADAMKCH@uky.edu

UK HealthCare Brand Strategy - MKTG24-148