

THE GENERAL ASSEMBLY OF PENNSYLVANIA

# HOUSE RESOLUTION

No. 54

Session of  
2007

INTRODUCED BY SHAPIRO, BEYER, BISHOP, CALTAGIRONE, CLYMER, COHEN, CREIGHTON, DeLUCA, DONATUCCI, FRANKEL, GEIST, GEORGE, GIBBONS, GILLESPIE, GINGRICH, GOODMAN, GRUCELA, HARHAI, HENNESSEY, HERSHEY, HESS, KOTIK, KULA, LONGIETTI, MAHONEY, MAJOR, MANTZ, McCALL, McGEEHAN, McILHATTAN, MILLARD, MOYER, O'NEILL, PALLONE, PARKER, PAYNE, PERRY, PHILLIPS, PRESTON, QUINN, RAMALEY, RAPP, READSHAW, REICHLEY, MELIO, ROHRER, ROSS, RUBLEY, SAINATO, SANTONI, SAYLOR, SCAVELLO, M. SMITH, SOLOBAY, SONNEY, STABACK, TANGRETTI, THOMAS, VEREB, VULAKOVICH, WALKO, WATSON, WOJNAROSKI AND YOUNGBLOOD, FEBRUARY 5, 2007

INTRODUCED AS NONCONTROVERSIAL RESOLUTION UNDER RULE 35,  
FEBRUARY 5, 2007

## A RESOLUTION

1 Designating the week of February 11 through 17, 2007, as "Long  
2 QT Syndrome Awareness Week" in Pennsylvania.

3 WHEREAS, Long QT syndrome is an inherited rhythm disorder, or  
4 arrhythmia, of the heart's electrical system in which the heart  
5 muscle takes an abnormally long time to recharge between  
6 heartbeats, resulting in an electrical disturbance in an  
7 otherwise normally structured heart; and

8 WHEREAS, The electrical disturbance of long QT syndrome is  
9 commonly triggered by exercise, competitive sports, emotional  
10 stress or a startling event and both reduces the volume of blood  
11 pumped to the brain and starves the brain of oxygen, causing  
12 fainting, seizure and/or sudden cardiac arrest; and

13 WHEREAS, Long QT syndrome predominately affects children and

1 young adults, with symptoms most commonly beginning in preteen  
2 to teenage years; and

3 WHEREAS, According to the Mayo Clinic, long QT syndrome  
4 affects an estimated 1 in every 6,000 people in the United  
5 States; and

6 WHEREAS, Awareness of this disease, its symptoms and warning  
7 signs and acceptance of the fact that children and young adults  
8 can and do have heart disorders are keys to saving lives; and

9 WHEREAS, Symptoms of long QT syndrome which raise red flags  
10 in the adult population are often overlooked or misinterpreted  
11 in the younger population and misdiagnosed as fainting or  
12 seizure disorders such as epilepsy; and

13 WHEREAS, Sudden cardiac arrest is the first symptom in 1 out  
14 of 10 long QT syndrome patients; and

15 WHEREAS, Long QT syndrome appears to be a common cause of  
16 sudden and unexplained death in children and young adults and is  
17 estimated to cause the sudden death of as many as 5,000 children  
18 and young adults each year; and

19 WHEREAS, Long QT syndrome has been linked to many deaths  
20 caused by sudden infant death syndrome; and

21 WHEREAS, QT prolongation is detected on an electrocardiogram,  
22 and long QT syndrome, once diagnosed, is readily treatable with  
23 beta-blocker medications and, if warranted, pacemaker or  
24 cardioverter-defibrillator implantation; and

25 WHEREAS, Inherited long QT syndrome is caused by mutations of  
26 at least eight genes; and

27 WHEREAS, As many as 50% of individuals who carry the genetic  
28 code for long QT syndrome never exhibit symptoms, yet they may  
29 pass the specific gene types on to their children; and

30 WHEREAS, Genetic testing is available to determine those

1 individuals who carry the three most common types of long QT  
2 syndrome genes; and

3 WHEREAS, More than 50 common medications, electrolyte  
4 abnormalities and various medical conditions are other causes of  
5 long QT syndrome; and

6 WHEREAS, Simon Sudman of Montgomery County passed away in  
7 January 2005 at the age of three months as a result of long QT  
8 syndrome, and on January 27, 2007, the annual Simon's Soiree  
9 will be held in Simon's memory; therefore be it

10 RESOLVED, That the House of Representatives designate the  
11 week of February 11 through 17, 2007, as "Long QT Syndrome  
12 Awareness Week" in Pennsylvania; and be it further

13 RESOLVED, That the House of Representatives urge  
14 Pennsylvanians to become familiar with the symptoms and  
15 conditions associated with long QT syndrome.