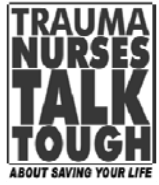




Improving Effective Parent-Involved Teen Driving Interventions

Joanne-jmfairch@lhs.org 503-413-4239
Cathy-cbowles@lhs.org 503-413-2340
Legacy Emanuel TNTT 503-413-4960

**2004 National Safety Council
Youth Activity Award of Merit Recipient
2007 NOVA Award Recipient**





Family Traffic Safety Education



Crash that inspired the TNTT program



How old are we?

Started in 1987 by 3 nurses

Preventing vs. Repairing Devastation

Our Mission:

To teach the public how and why it is important to take responsibility for personal safety through injury prevention education.



3/17/2016

LEGACY HEALTH 4



Annual Accomplishments



- School Programs: 500+ presentations
- Safety Belt Classes: 120 + 12 in Spanish
- High Risk Drivers' Classes-24
- Events: 90+ (most are \$6 helmet sales)
- High Risk Youth: 80 presentations
- Family Ed: 50+ presentations
- Victim's Impact Panel: 36
- Share the Roads classes: 24
- Community Events: 50



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LEGACY HEALTH 5

FEAR APPEAL

Health Education & Behavior, Oct 2000

- Severity of Threat
- Personal susceptibility of threat
- Strong prevention message
 - Easy
 - Affordable
 - Effective

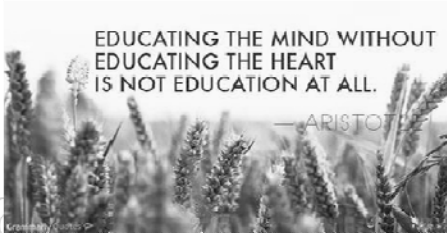


The 3-E's

Formerly: Engineering, Education and Enforcement

EMPATHY-EMOTION-EMPOWERMENT

The Human Dynamics of Injury Prevention 2016



7

1939 movie clip
Why we have traffic laws



8



$$\text{Force of Energy} = \frac{1}{2} \text{ Mass} \times \text{Velocity}^2$$

The faster you go, the harder you hit!



9



Frontal Lobe

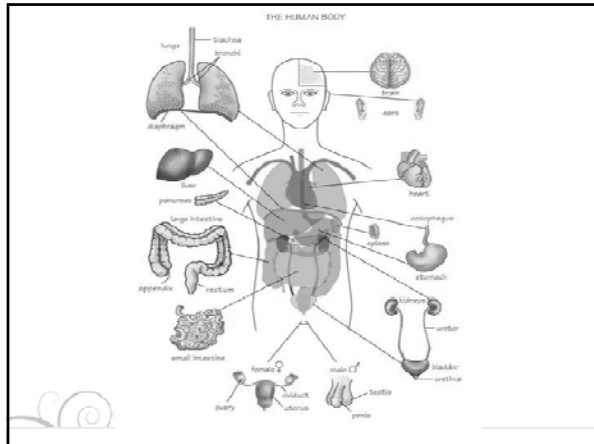
Executive Functions

- > Supervisor of your mind
- > Controls attention and impulsive behavior
- > High level thinking and reasoning
- > Allows inhibiting of emotions and responses
- > Controls ability to initiate action
- > In charge of your personality

EMANUEL Medical Center | GOOD SAMARITAN Medical Center | MERIDIAN PARK Medical Center | MOUNT HOOD Medical Center | SALMON CREEK Medical Center
 RANDALL CHILDREN'S HOSPITAL | LEGACY MEDICAL GROUP | LEGACY LABORATORY | LEGACY RESEARCH | LEGACY HOSPICE

Patient Stories illustrating physical, emotional and financial cost to individual, families and community

EMANUEL Medical Center | GOOD SAMARITAN Medical Center | MERIDIAN PARK Medical Center | MOUNT HOOD Medical Center | SALMON CREEK Medical Center
 RANDALL CHILDREN'S HOSPITAL | LEGACY MEDICAL GROUP | LEGACY LABORATORY | LEGACY RESEARCH | LEGACY HOSPICE



TRAUMA NURSES TALK TOUGH
ABOUT SAVING YOUR LIFE

AAA
Oregon/Idaho

LEGACY HEALTH

The Keys to Teen Driver Safety

There is a small decorative swirl in the bottom left corner.

Parents hold the KEY to teen driver safety

Parents begin teaching traffic safety habits early!



- 31%
- a. Radar detectors...
 - b. Safety belts....
 - c. Make "Quick Stops"....
 - d. Cell Phone Use-57%/28%
 - e. Impaired Driving-
alcohol/other
drugs/emotions
 - f. Inconsistency

Why Family Participation?

National Institutes of Child Health & Human Development
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2563441/>

When families do not limit

Teaching parents & teens **how**

Learning new skills

Prefrontal Cortex

Brain function....

? Parents ask
"Why?"





**Judgment, Logic,
Reason &
Decision Making**



Observation
Perception
Interpretation
Anticipation

Personal Integrity

One way to
measure

Personal Integrity?

**Conduct while
NO ONE is watching.**



**Driving Dependable
Personal Integrity**

Defined by following
all traffic laws
consistently



Measure Maturation Development

Safety gear

Homework & Chores

Behavior Problems



Successfully Keeping agreements

NOTE: ADHD Youth require extra patience





Parents: What is GDL?



Crawl-Talk-Walk-Drive?

Did you recognize?

REMINDER:

ADHD youth REQUIREMENT

It may be 'safer' to



Think Outside the GDL Box

August 19th - The Rescue & Report

Law 100
The purpose of this law is to ensure that all children who are required to wear seat belts in motor vehicles are properly restrained. This law requires that all children under the age of 18 who are in a motor vehicle must be properly restrained. This law also requires that all children under the age of 18 who are in a motor vehicle must be properly restrained. This law also requires that all children under the age of 18 who are in a motor vehicle must be properly restrained.

Law 101
The purpose of this law is to ensure that all children who are required to wear seat belts in motor vehicles are properly restrained. This law requires that all children under the age of 18 who are in a motor vehicle must be properly restrained. This law also requires that all children under the age of 18 who are in a motor vehicle must be properly restrained. This law also requires that all children under the age of 18 who are in a motor vehicle must be properly restrained.

Law 102
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REMINDER: ADHD youth REQUIREMENT



Recommendation

Build A Driving Contract



Driving Contracts

Simple



Comprehensive

Purpose

Have a Closer Look...




Good grades
do not indicate
good driver
Intelligence
does not =
Maturity!

Reasons to consider Contracts

Expectations and Consequences


Failing *driving* contract obligations

Other issues




RECOMMENDATIONS

‘Modified GDL’



1. Supervised Driving
 - 1 week to miles over or
 - 1-2 months for other violations
2. Reinstate Curfew
3. Return to solo driving
4. NO peer minimum 2mos.



Our legacy is yours. How we pay for our Program

Grants and Staff
State and City DOT
Hospitals, EMT and Fire Departments

Community Partnership to present education in schools
School nurses and Health teachers
School and Private Driver Education Providers

Court Remanded partnerships
Traffic Courts/Judges
State and City Departments of Transportation
Local Hospitals, EMT and Fire Departments
Teen Courts




EMERSON GOOD SAMUELIAN MERIDIAN PARK MOUNT HOOD KALAMON CREEK

RANDALL CHILDREN'S HOSPITAL LEGACY MEDICAL GROUP LEGACY LABORATORY LEGACY RESEARCH LEGACY SPORTS

Family Traffic Safety Education (FTSE)

Developed in 2000
Based on NICHHD research

Private Biz Support:
AAA, Crash Repair Shops



Funding-Partners-Participation

Funding-State and City DOTS/Court Classes/Hospital
(Nurse, Office Staff, FE Coordinator, Helmet Fairs)

Relationships-Teachers, Courts, AAA

How We Encourage Parent Participation
(Driver's Ed, Court referred with fee break for court cited you; Law Enforcement; Self-referred + AAA + fees)

Multi-Generational Education



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LEGACY HEALTH 35

Promotion



2016 Teen Driver's Licensing Workshop
Workshop helps teens take control and Graduate Driver's Licensing (GDL).

For more information contact:
Phone call: 252-422-4950

NOTE:
No. -Licensing under age 17
FREE AAA Trip Interruption by Passenger
7/20 11/11 for AAA...
...with a membership card
...and an identification or driver's license

Class held on the **third**
Wednesday of every month.
Call of register!

Class with Free One-on-One
with a licensed instructor

Sign in begins at 6:00 PM
Programs 6:30-8:30 PM

Workshop Locations:
Legacy Summit Hospital
Loraine Center 1701 FSO
501 W. Cary Ave.
Raleigh, NC 27617
Talk to Teaching Services 41

It is a sad fact: Car crashes are the leading cause of death for teens.

The Legacy Health award-winning Trauma Nurse Triage program that teaches young people to take control of the road is now back for a **Graduated Driver's Licensing (GDL)** workshop that can help:

- Reduce the crash rates and traffic violations for youth
- Increase understanding of the importance for and importance of following GDL laws

Workshop is appropriate for youth ages 16-19, with or without license or permit.

Teens, parents attend TOGETHER!
Attending the workshop together increases safety and driving success for the teens.

The workshop:

- Helps parents support young drivers
- Provides understanding and co-education among teens and parents
- Includes a **TEEN DRIVER CERTIFICATE** CONGRATULATION CD/DVD
- Includes traffic safety information
- Legacy Trauma Nurse Triage Triage slide presentation
- LEGACY GDL Lined & Checkbook presentation and notebook



3/17/2016

LEGACY HEALTH 36

How We Evaluate Effectiveness

Family Traffic Safety Education Class Survey Results Q-2 2016

Court referred attendee's self-reported survey data following class

- 96% of youth understand may need more Pre Frontal Cortex maturation
- 89% of youth will drive posted speed
- 100% of parents will re-examine
- 100% of parents will re-measure
- 82% of parents will supervise
- 86% of parents report will suspend

Self-referred families self-reported survey data following class

- Encouraged to expand
- 100% of parents will implement tools
- 100% of youth understand the need to allow enough time for pre-frontal cortex to develop adequate maturity to support the responsibility of driving

3/17/2016

LEGACY HEALTH 37

We Save Lives One Class at a Time~

"My parents told me they love me and I liked how eye-opening the experience was." Youth

Parent driving habits and attitudes~ "Taught me some things and why it's important to be safe." Parent

Additionally: Notes, Calls, Requests, Families who share their stories

TBD: Youth w/o Parent support or with ESL Parent

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How do you get started?



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