

CENTER FOR TRAUMA, VIOLENCE & INJURY PREVENTION

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GREETINGS!

Welcome! USC's Center for Trauma, Violence and Injury Prevention (CTVIP) is happy to introduce our 1st newsletter. We look forward to keeping you informed on our current research and exciting programs.

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TRAINING AND EDUCATION

A goal of the Center for Trauma, Violence and Injury Prevention (CTVIP) is to provide unique learning opportunities to the students, faculty and the community we serve through formal training, educational seminars and outreach programs to reduce violence and injury in Los Angeles.

Brown Bag Speaker Series

In the past year, the CTVIP presented its first Quarterly Speaker Series. The CTVIP will expand its speaker series from a quarterly activity to every other month. Presenters will come from various backgrounds in order to provide interdisciplinary education efforts. Please refer to the CTVIP website for specific dates and location.

COMMUNITY PROGRAMS

The CTVIP strives to bridge science to practice and implement effective, evidence-based injury prevention programs to the community.

Community CPR - Current literature supports that without CPR awareness and training, community members in the greater Los Angeles area are not likely to assist in cardiopulmonary resuscitation during an emergency. This reduces the chance of survival in the home or the community after a cardiac arrest occurs. The Department of Emergency Medicine developed a CPR Training Team to bridge the gap and increase awareness by offering free CPR classes to community members. The course offered is designed to teach the community lifesaving CPR and AED skills. Since the programs induction in 2011, the CPR training team has successfully trained over 3,000 community members.



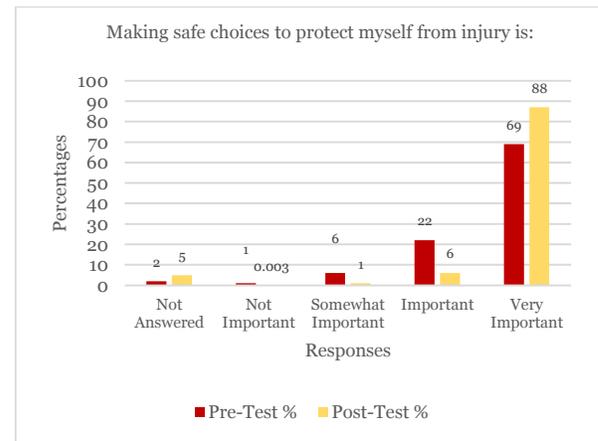
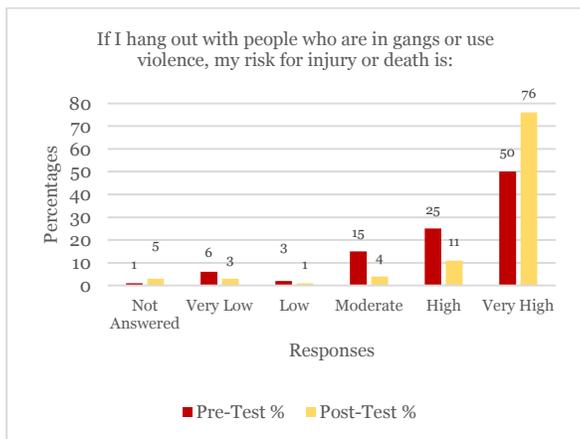
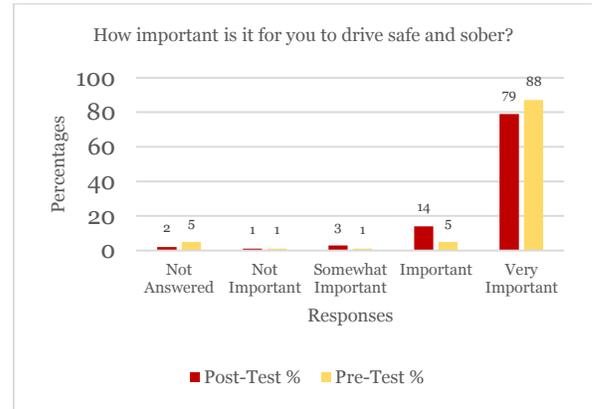
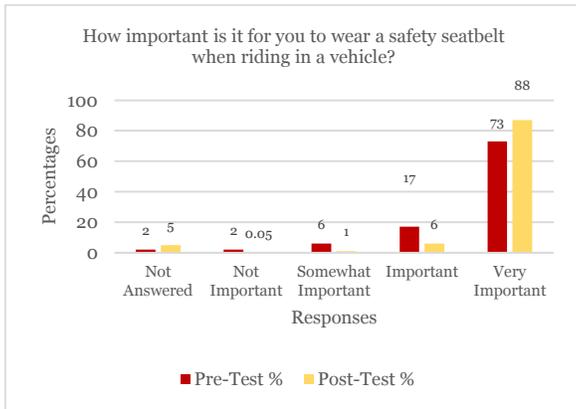
ThinkFirst L.A. – is a national injury prevention program that aims to prevent brain, spinal cord and other traumatic injuries through education, research and advocacy. ThinkFirst L.A. was awarded a *USC Good Neighbors Grant* to travel to various high schools to provide injury prevention education to the high school population. The program consists of an educational component that provides tips on how to protect the body. The program also consists of a Voices for Injury Prevention (VIP) speaker who has sustained a brain or spinal cord injury. The VIP speaker delivers their personal testimony about how they sustained their injury, how it has changed their life and how their injury could have been prevented.

ThinkFirst L.A. has been implemented at 5 local high schools throughout Los Angeles and aims to expand the program to reach both middle and elementary schools. Our goal is to form and maintain strong relationships with these schools to allow for continued injury prevention education within these schools.

“The program made me realize that life is fragile. Anything can happen. It’s important to always think before you act.” – Student at Bravo Medical Magnet



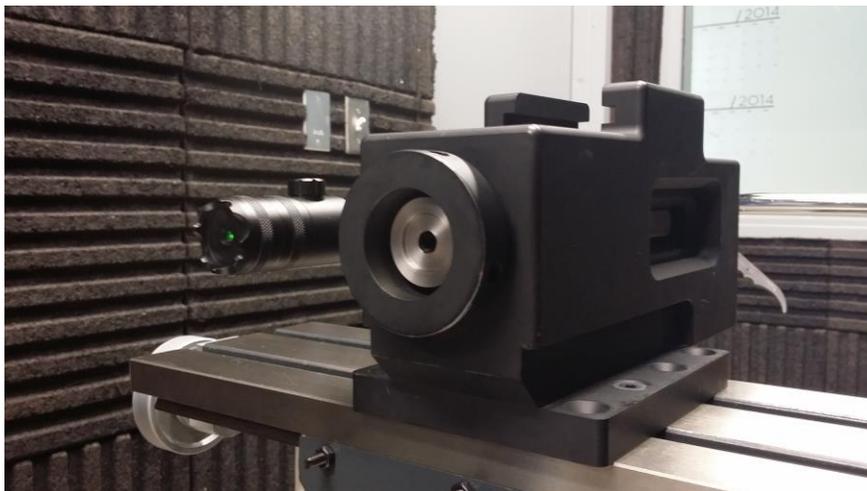
ThinkFirst positively changed student’s attitudes and beliefs regarding injuries and injury prevention.



*Combined results from the following high schools: Bravo, Foshay Learning Center, Manual Arts, LAUSD/USC Cinematic Arts & Engineering Magnet and Alliance Gertz-Ressler

BIOMECHANICS INJURY RESEARCH LAB

The BIR Lab is split between ballistics and sports injury research. The ballistics lab features a remote fired Universal Receiver capable of firing pistol and rifle cartridges with energies up to 3600ft-lbs. Less-Lethal cartridges can also be tested in the ballistics lab. Testing includes, but is not limited to: NIJ Behind Body Armor Blunt Trauma Testing, Ballistic Helmet Testing, General Body Armor Testing, and Less-Lethal Testing. The sports lab features a Linear Impactor, Helmet Drop Stand, and an Air Cannon capable of shooting baseballs over 90mph. Testing includes, but it not limited to, NOCSAE Helmet Drop Testing, NOCSAE Chest Surrogate Testing, USA Boxing Certification, Linear Impactor Helmet Testing, and Air Cannon Sports Equipment Testing. The BIR Lab also features a high-speed camera capable of over 10,000 frames per second at standard-definition, and over 3,500 frames per second at high-definition (720p).



The ballistics lab offers 24 linear feet of useable distance. The bullet trap is rated for rounds up to .308 Winchester. Most firing within the range is done via the Universal Receiver, which accepts almost any cartridge and offers extreme accuracy and precision.

Left. Cadex Linear Impactor and Air Cannon combined system for sports injury testing.

Right. NOCSAE twin-wire drop stand for helmet testing.



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If you would like to help the CTVIP fulfill its mission statement, please consider making a donation to the CTVIP by visiting

<http://www.usc.edu/ctvip/contact.php>

Mission Statement

Leveraging the academic talent at USC to create an environment where multiple disciplines can come together to research the causes and effects of injury, and develop empirically based social and psychological interventions.

Dear Friends,

It is our pleasure to present the inaugural newsletter of USC's Center for Trauma, Violence and Injury Prevention. The CTVIP brings together faculty and staff from various backgrounds to provide interdisciplinary efforts in injury prevention research, education and advocacy.

Drawing on the strengths of our partners, we aim to reduce the burden of violence and unintentional injuries in Los Angeles.

Thank you for your support, interest and participation. We look forward to exciting new programs and innovative research!

Sincerely,

Cynthia Bir, PhD

Center Director

