



ABOUT THE NATIONAL TRAUMA INSTITUTE ►

The National Trauma Institute is setting out to do what no organization has done before—dedicating itself solely to the funding and development of research addressing trauma injury in the United States.

Though trauma is at epidemic levels in the United States, many Americans are unaware that trauma is so pervasive, in part because of the multiple and varied causes of trauma injuries. Car accidents, domestic violence, assaults, and natural disasters all contribute to the nation's current levels of trauma injury and death.

Since its formation in 2006, the National Trauma Institute has grown to national scope and leadership. Its board of directors includes leaders in trauma research and treatment from both civilian and military arenas. Its annual symposium brings frontline medical professionals together to share the latest in trauma research and treatment.

NTI's focus is on assembling a critical mass of funds from a variety of public and private sources in order to award large-scale research grants to translational projects that promise quick dissemination in six areas, spread across a continuum of care from pre-hospital (first responders) to recovery and rehabilitation, key to trauma prevention and treatment:



- **Infection** (Including hospital-acquired infections and antibiotic utilization)
- **Disaster Preparedness** (Including mass casualty and transportation of the critically ill)
- **Burns** (Including new skin and off-the-shelf skin)
- **Airway and ventilation strategies** (Including ventilation-induced injury)
- **Technology Development** (Including wireless vital signs monitoring, biosensors, topical negative pressure therapy, imaging studies and outcomes, and organ simulation)
- **Hemorrhage** (Including non-compressible hemorrhage, blood products and substitutes, resuscitation, shock and bleeding, coagulopathy, systemic and local hemostatic therapy)

In addition to its work as a grantor, NTI is working to increase public awareness of trauma injury. The organization's website, www.NationalTraumaInstitute.org, is a continually-developing, publicly-available resource for anyone interested in learning more about trauma and trauma research. Those interested in contributing to NTI's research fund can also visit the website to make online donations.

- Each year, trauma accounts for 42 million emergency department visits and 2.0 million hospital admissions across the nation.
- More than 170,000 of these trauma victims die each year, making it the leading cause of death for Americans under age 44.
- American soldiers engaged in wars overseas are at increased risk for trauma; current U.S. statistics do not include military deaths.