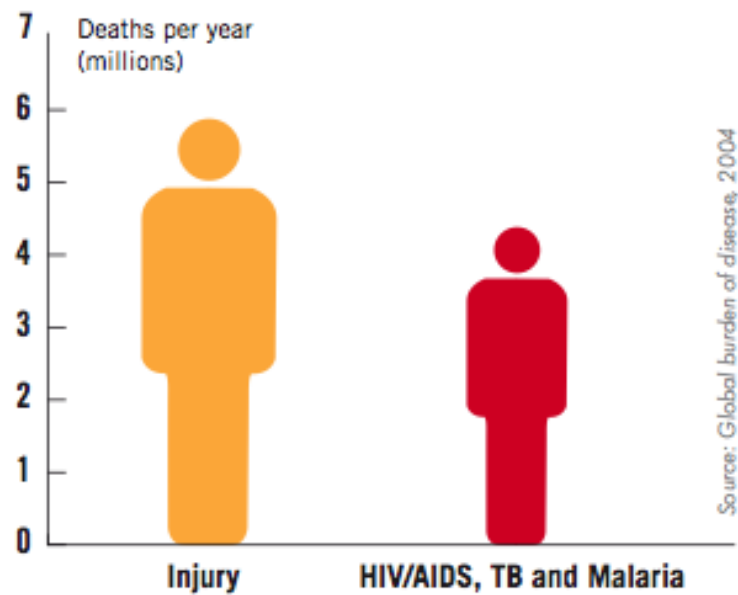


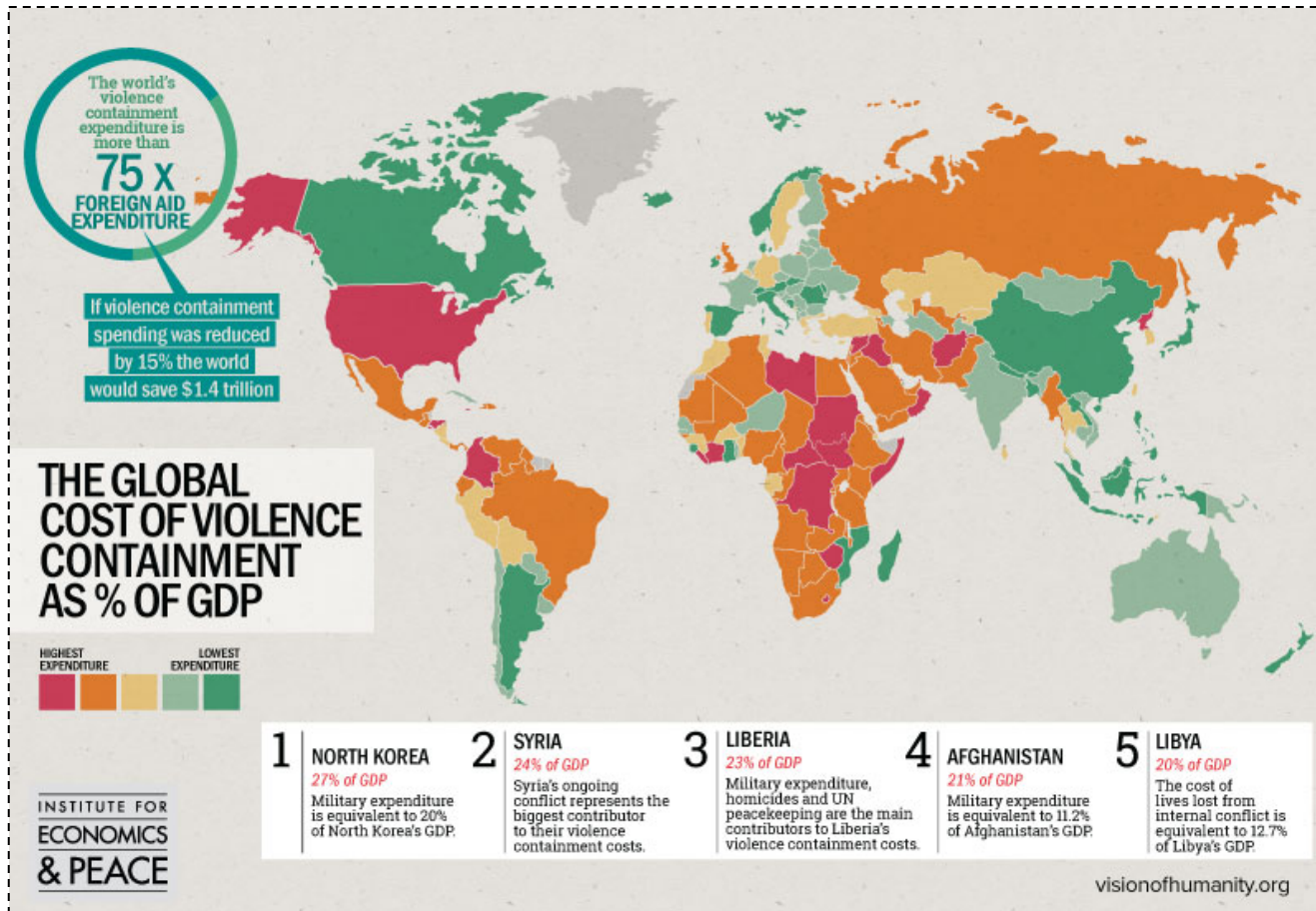
Fear, Violence, and Trauma: Combatting Terrorism Through Research

December 12, 2016

The scale of the problem

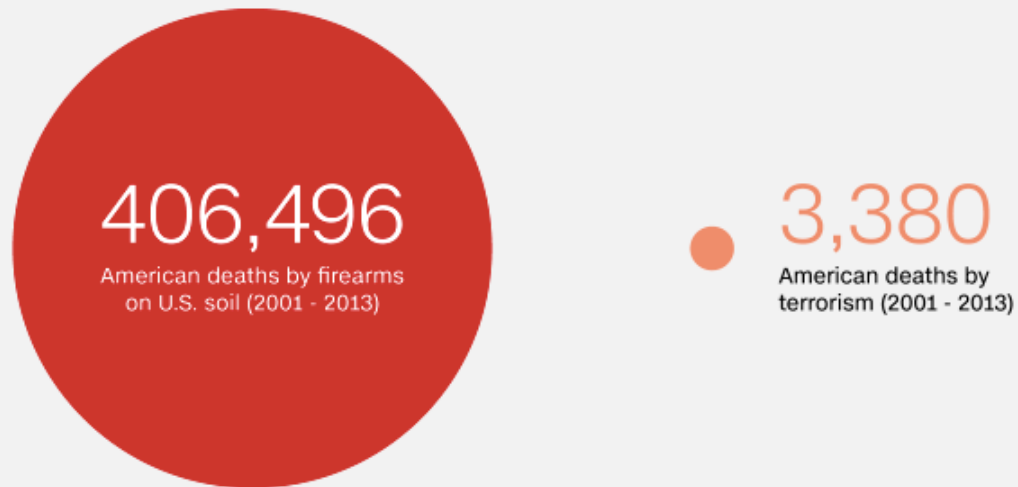
Injury deaths compared to other leading causes of mortality.





American deaths caused by terrorism vs. gun violence

The gun fatalities number covers all manner of death, including homicide, accident and suicide.

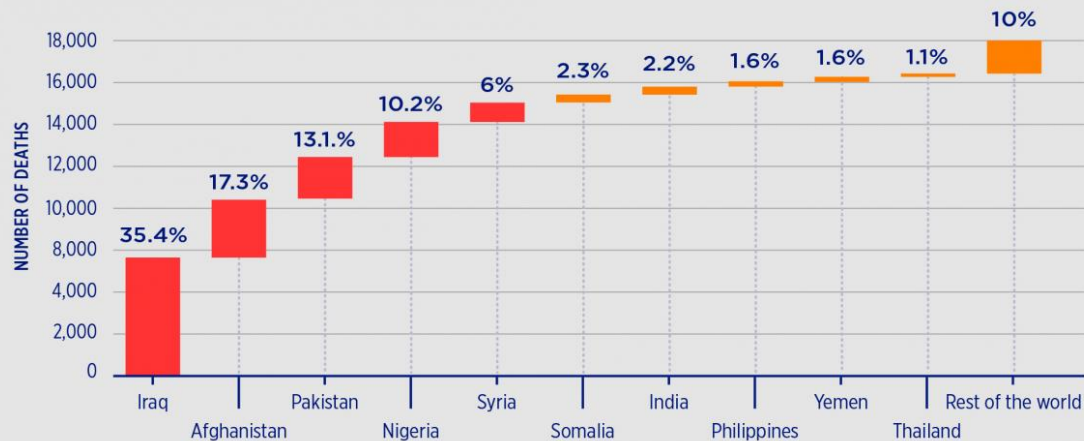


Source: Centers for Disease Control and Prevention, U.S. State Department



COUNTRIES WITH THE HIGHEST NUMBER OF DEATHS BY TERRORISM, PERCENTAGE OF GLOBAL TERRORIST DEATHS FOR 2013

Five countries account for more than 80 per cent of global terrorist deaths.



www.Vision of Humanity.org

INSTITUTE FOR
ECONOMICS
& PEACE

Source: GTD

Joseph Wippl

*Professor of the Practice, International Relations
Frederick S. Pardee School of Global Studies*

Intelligence and Counterterrorism

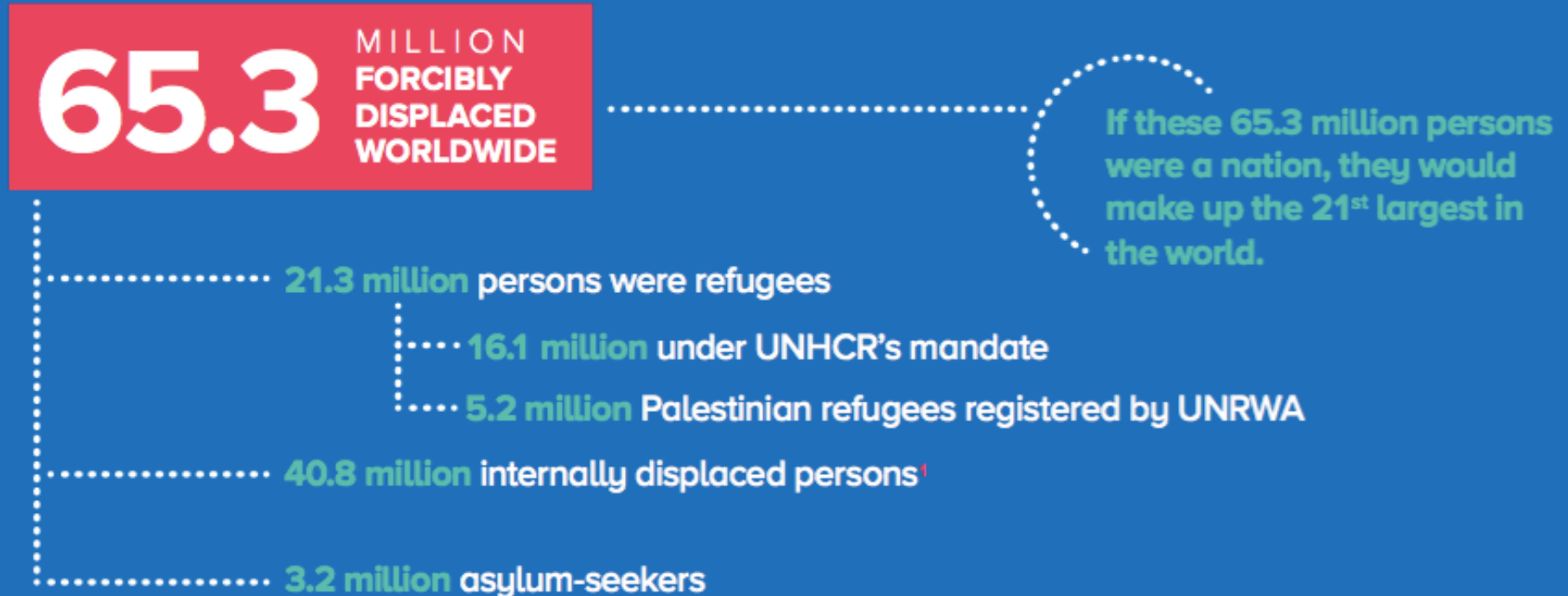


Susan M. Akram

*Clinical Professor
Director, International Human Rights Clinic
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The World's Displaced Persons

UNHCR Global Trends Report 2015 (issued June 2016)

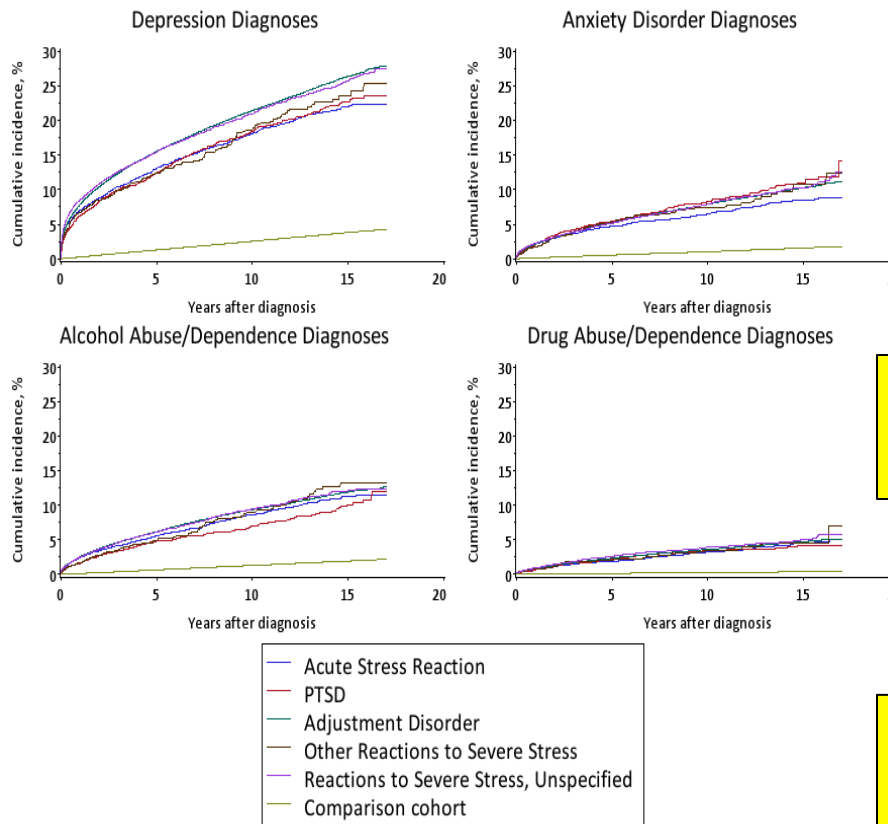


Jaimie L. Gradus, DSc, MPH

*Epidemiologist, National Center for PTSD
VA Boston Healthcare System
Assistant Professor, Psychiatry and Epidemiology
School of Medicine*



- Population cohort of adults with stress disorder diagnoses from 1995-2011 (n = 101,663)
- Comparison group (age, sex matched; n = 508,315)
- Used national healthcare and social registries for data
- ICD-10 stress disorders = acute stress reaction, PTSD, adjustment disorder, and two unspecified diagnoses



	Acute Stress Reaction (N = 9,182)	PTSD (N = 3,786)	Adjustment Disorder (N = 66,823)	Other Reactions to Severe Stress (N = 1,692)	Reactions to Severe Stress, Unspecified (N = 20,180)	Comparison Cohort (N = 508,315)
Incidence of all-cause mortality	8.0%	8.1%	12%	9.9%	8.6%	5.3%
All-cause mortality - unadjusted (95% CI)	2.9 (2.6 – 3.2)	2.2 (1.9 – 2.6)	2.6 (2.7 – 2.9)	2.9 (2.3 – 3.5)	2.6 (2.4 – 2.8)	1
All-cause mortality - adjusted (95% CI)	2.2 (1.9 – 2.4)	1.8 (1.5 – 2.1)	1.9 (1.8 – 2.0)	2.2 (1.7 – 2.8)	2.0 (1.9 – 2.2)	1
Incidence of suicide	0.63%	0.61%	0.78%	0.59%	0.56%	0.04%
Suicide - unadjusted (95% CI)	26 (14 – 49)	19 (7.6 – 46)	18 (15 – 21)	25 (5.4 – 112)	26 (16 – 41)	1
Suicide – adjusted (95% CI)	24 (10 – 53)	13 (4.3 – 42)	12 (9.8 – 15)	29 (3.5 – 244)	19 (12 – 31)	1

Neta C. Crawford

*Professor, Political Science
College of Arts & Sciences*

Why Do Political Organizations Target Civilians?

Unintentional	Intentional	
Unforeseen Accident	<i>Means to an End</i>	<i>End in Itself</i>
Systemic "collateral damage" (foreseeable, structural)	Thumbscrew/ Punishment Theory: hurting civilians directly or indirectly <i>works</i> to achieve military objectives	Attacking Civilians Directly achieves the aspirations for a pure or dominant civilizational, racial, or class identity
Proportionality/ Double Effect (unintended, yet foreseeable and foreseen choice)	<div>Shared premise: targeting civilians is legitimate, denying or ignoring the principle of distinction or the fact that certain people are "innocent" civilians</div> <div>What beliefs and feelings underpin the assumption that targeting civilians is legitimate? How do they change?</div>	
<div>Foundational premise: targeting civilians is illegitimate, adhering to the principle of distinction</div>		

Jessica Stern

*Research Professor
Frederick S. Pardee School of
Global Studies*

Students Challenging Violent Extremism

- Current Challenge:
 - Terrorist organizations, across the political spectrum, are mobilizing youth via social media
- What is P2P Challenging Extremism?
 - P2P: Challenging Extremism provides an opportunity for youth to create and activate their own social media campaigns to challenge violent extremist ideology, propaganda, and recruitment messaging
- How Does P2P Work?
 - Student teams, together with their faculty advisor, receive \$2000 to produce a real campaign and measure its impact
- What will we do in my class?
 - We will help a new NGO, *Parents4Peace*, provide information to family members who are worried that their kids are radicalizing to join neo-Nazi, jihadi, or other violent movements



“If it happened to my child, it can happen to yours”

John D. Woodward Jr., JD

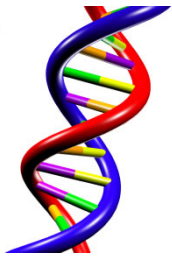
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Rapid DNA Will Quickly Pose Challenges

- The power of DNA is:

1. Identification (1:N)

- Where N is > 15 million

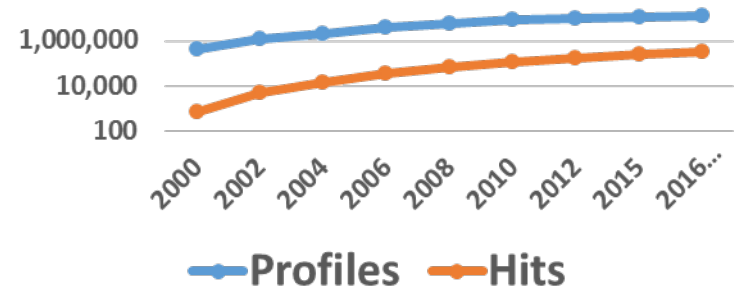


2. “Cold Hits”

3. Once digitized, it may be searched forever.

- The more DNA you collect & search, the more you match.

DNA Profiles & Hits



Current DNA processing is manually rigorous, time consuming, & resource intensive... BUT

Rapid DNA:



Coming Soon to a Police Department Near You

Public policy challenges loom:

- Collection
- Searching & Retention
- DNA Processing
- Information Sharing
- Legal Standards
- Technical Standards

Alexis Peri

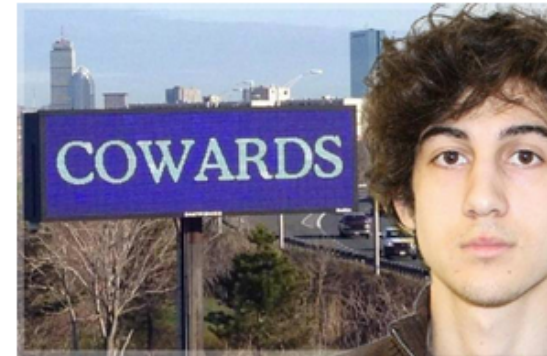
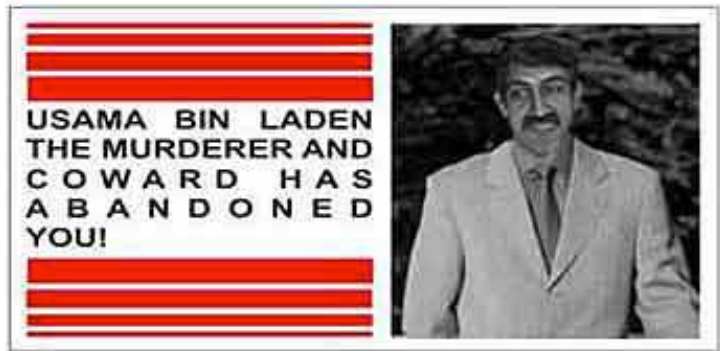
*Assistant Professor, History
College of Arts & Sciences*



Chris Walsh

*Interim Director, Writing Program
College of Arts & Sciences*

Terrorism, Cowardice, and the Limits of Trauma



Djokar Tsarnaev (Credit: FBI/PEW Local 103)



Soldier Accused as Coward

Andrew Pogany 2003



Andrew Pogany 2010

Branded a Coward, Sgt. Fights for PTSD Victims