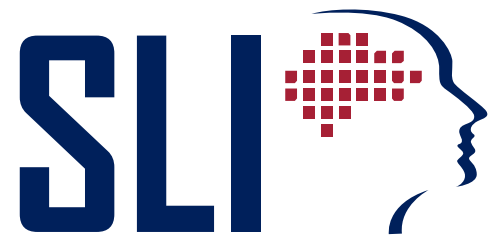


2012

ANNUAL REPORT



SPORTS LEGACY INSTITUTE

Solving the Concussion Crisis

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LETTERS FROM THE LEADERSHIP AND MISSION

“Solving the Concussion Crisis”

2012 was a banner year for the Sports Legacy Institute (SLI). Our expanded staff has allowed us to deliver grassroots educational programming throughout the country, especially where we lead our Concussion Coalitions in California and Chicago, as well as through our SLICE program now at Boston University, Harvard University, DePaul University, University of Miami, University of Southern California, University of California Berkeley and Brown University. The critically acclaimed film documentary “Head Games” debuted in 2012 providing national exposure to our work. In 2012 SLI also launched Hit Count™ - a pioneering initiative targeted at developing numeric guidelines to regulate head trauma, particularly among young people participating in contact sports. Lastly, in conjunction with the Center for the Study of Traumatic Encephalopathy at Boston University, SLI published a brain bank case series that doubled the known cases of the disease worldwide.

We remain committed to being at the forefront in brain trauma awareness, policy, and research. With your steadfast support, and in conjunction with our network of sponsors and affiliates, we will move even closer to “solving the concussion crisis.”



A handwritten signature in black ink that reads "John E. Corcoran".

John E. Corcoran
Chairman, Board of Directors
Sports Legacy Institute



A handwritten signature in black ink that reads "Chris Nowinski".

Christopher Nowinski
Founding Executive Director
Sports Legacy Institute

Our Mission

The mission of the Sports Legacy Institute is to advance the study, treatment and prevention of the effects of brain trauma in athletes and other at-risk groups.

Our Story

SLI was founded on June 14, 2007, in Boston, Massachusetts, by Christopher Nowinski and Dr. Robert Cantu in reaction to new medical research indicating that brain trauma in sports had become a public health crisis. SLI partnered with Boston University School of Medicine to found the Center for the Study of Traumatic Encephalopathy (BU CSTE) in 2008, to advance research. While continuing to support the BU CSTE, SLI translates our new knowledge of the effects of brain trauma into educational programs, advocacy, awareness, and policy.

Sports Legacy Institute Community Educators (SLICE)

SLICE follows the “train the trainer” chapter model, allowing college students to provide a 30 minute curriculum to students in grades 4-12 covering:

*What is a concussion?
Why should you care about concussion?
What can you do about it?*

2012 SLICE Chapters



The Advanced Concussion Training (ACT)

The gold standard in concussion education, SLI trained 6,141 coaches, parents, administrators and medical professionals in 10 states in 2012. The program was mandatory for Chicago Public Schools coaches, nurses and physical education teachers, Arlington (VA) Public Schools coaches and Los Angeles Unified School District football coaches.



SLI Concussion Coalitions

Launched by SLI in Chicago in 2011 and California in 2012, the mission of each Coalition is to work in partnership to provide student athletes in the community with the best-in-class resources available to protect them from concussions in sports. The Coalitions accomplish this mission through leveraging the existing programs of Coalition members (50+ in Chicago, 30+ in California) focused on prevention, education, assessment, management, and research. These partnerships allow us to create rapid change in areas of great need. **Visit www.ConcussionCoalition.org to learn more.**



Every Hit Counts™

SLI launched the Hit Count™ Initiative in 2012. Based on the “Pitch Count” in baseball, SLI is working with leading researchers, technology companies, and sports governing bodies to develop and promote recommendations to limit the amount of brain trauma that a child is allowed to incur in sports.



The 2012 Hit Count Symposium brought together leaders in the field and was filmed by HBO Real Sports, airing in November



Dr. Cantu with Hit Count advisors Kevin Guskiewicz, Ph.D., and Gerry Gioia, Ph.D.

Hit Count Sponsors: Battle Sports Science, gForce Tracker, i1biometrics, Impakt Protective, MC10, Triax Technologies

SLI CONCUSSION CHECKLIST

CLICK ON ANY CHECKMARK TO LEARN HOW YOU CAN KEEP YOUR ATHLETES SAFE.

- 1. Education**
- 2. Prevention**
- 3. Remove-from-Play**
- 4. Return-to-Play**
- 5. Return-to-School**
- 6. Return-to-Life**
- 7. Medical Infrastructure**
- 8. Equipment**
- 9. Rules & Penalties**
- 10. Playing Area & Surfaces**

Concussion Checklist

Inspired by the overwhelming number of inquires from youth sports organizations, coaches and parents seeking advice on how to better protect their athletes, SLI developed an interactive web-based tool to guide users to policies and programs to improve the safety of their organization. Evaluate your program at www.ConcussionChecklist.org.

Call to Action

SLI regularly issues calls to action to raise issues in the public consciousness. In 2012, we urged the NCAA to require discussion of Chronic Traumatic Encephalopathy in their mandated concussion education. They refused, but the battle is not over.

Read more here.

<http://sportslegacy.org/policy-2/calls-to-action>



Boston University Center for the Study of Traumatic Encephalopathy

At its creation, the Center for the Study of Traumatic Encephalopathy (CSTE) embraced aggressive goals. We have made huge strides in understanding this disease, but we can do much more.

The BU CSTE is now established as the the worldwide leader in the study of CTE. 2012 marked the beginning of a transition. At our Brain Bank we have now studied more cases of Chronic Traumatic Encephalopathy than the rest of the world, combined, in all of human history. Dr. Ann McKee's seminal case series analysis of the first 85 brains donated to the center helped us understand the disease better than ever before. It also set a game plan for the next decade: we will develop tools to diagnose the disease in living people, identifying risk factors and specific ways to prevent the disease, and explore ways to treat it—all while preserving the integrity of the sports and activities affected by our research.

The Spectrum of Disease in Chronic Traumatic Encephalopathy What we've learned from athletes and veterans
Ann McKee, MD, Christopher Nowinski, Robert Cantu, MD, Robert Stern, PhD et. al.
Published in Brain. 2013 Jan; 136:43-64



In 2012, Dr. Ann McKee devised and published the first ever pathological staging system for CTE, dividing the disease into four distinct stages based on location and density of abnormal proteins that indicate brain damage and disease.

Stage one disease tended to be confined to younger athletes, while stage 4 disease was only found in athletes over 50 years old, with over 90% diagnosed with dementia. This provides some of the strongest evidence yet that the disease is progressive, advancing in the absence of additional brain trauma, and worsening with age.

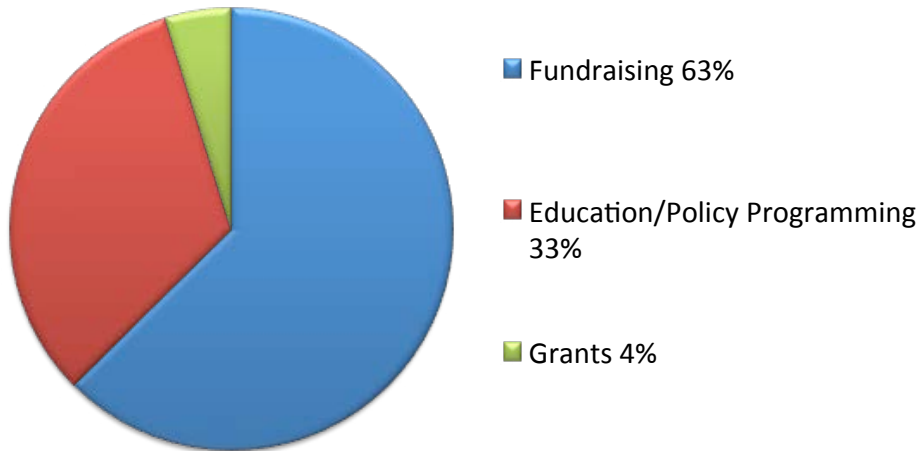


Top row left: Control brain of 65 year-old with no evidence of CTE or any other neurological disease.

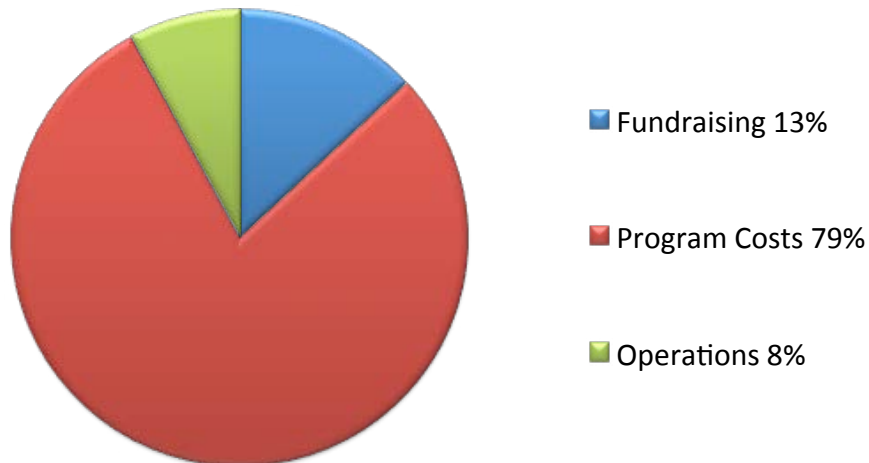
Top row right: Brain of former NFL player showing multiple areas of p-tau deposition (brown discoloration) in a pattern consistent with stage 4 CTE.

Bottom row: Microscopic images of CTE brain showing many p-tau containing neurofibrillary tangles.

Revenue/Income: \$761,000.00



Expenses \$632,000.00



SPORTS LEGACY INSTITUTE STAFF

Christopher Nowinski
Co-Founder, Executive Director

Lisa McHale
Director of Family Relations

Chelsea McLeod
Program Associate

Robert Cantu, MD
Co-Founder, Medical Director

Katherine Schock
Program Manager

Susan Griffin
Administrative Manager

R. Evan Davis
Director of Operations

Christine Perocchi
Development Manager

Dan Daneshvar
*SLI Community Educators
Co-Founder & Project Leader*

Caitlin McElroy
Field Associate - Chicago

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THANK YOU!

We deeply appreciate our members and other supporters who believe in our mission to help “Solve the Concussion Crisis.” Thank you to those listed here who donated between Jan.1, 2012 – Dec. 31, 2012.

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SLI 2012 YEAR IN PICTURES



Isaiah Kacyvenski, SLI Board Member, presenting 2012 Impact Award to The Ivy League, accepted by Executive Director Robin Harris.



Carol Quimby-Bonan, SLI Board Member with Joyce Critelli and Karyn Calcagno



Taylor Twellman, Chris Nowinski, Sylvia Mackey, Jim Braude and other distinguished guests



Lisa McHale, SLI Director of Family Relations and Dr. Robert Cantu with 2012 Legacy Award winners Sylvia Mackey and Dr. Eleanor Perfetto, SLI Board Member



Head Games documentary based on Chris Nowinski's book and featuring SLI, was released in September to critical acclaim.



Jeanne Andlinger and SLI Medical Advisor Dr. Robert Stern

2012 TOM MCHALE MEMORIAL FUNDRAISER



Ollie Matson Jr. and NFL Legend Calvin Hill



Lisa McHale with Tom McHale's former coach and NFL Star Maxie Baughan and wife Diane



Chris Nowinski and Legacy Families