

ONE HUNDRED THIRTEENTH CONGRESS
Congress of the United States
House of Representatives

COMMITTEE ON ENERGY AND COMMERCE

2125 RAYBURN HOUSE OFFICE BUILDING
WASHINGTON, DC 20515-6115

Majority (202) 225-2927
Minority (202) 225-3641
December 19, 2014

Dr. James Robert Graham
Chairman
Committee on Sports Related
Concussions in Youth
Institute of Medicine
5049 Wornall Road, Suite 7E
Kansas City, MO 64112

Dear Dr. Graham,

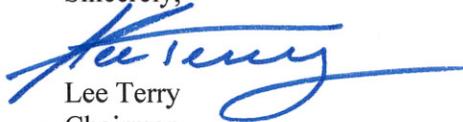
Thank you for appearing before the Subcommittee on Commerce, Manufacturing, and Trade on Thursday, March 13, 2014 to testify at the hearing entitled "Improving Sports Safety: A Multifaceted Approach."

Pursuant to the Rules of the Committee on Energy and Commerce, the hearing record remains open for ten business days to permit Members to submit additional questions for the record, which are attached. The format of your responses to these questions should be as follows: (1) the name of the Member whose question you are addressing, (2) the complete text of the question you are addressing in bold, and (3) your answer to that question in plain text.

To facilitate the printing of the hearing record, please respond to these questions by the close of business on Monday, January 5, 2015. Your responses should be e-mailed to the Legislative Clerk in Word format at Kirby.Howard@mail.house.gov and mailed to Kirby Howard, Legislative Clerk, Committee on Energy and Commerce, 2125 Rayburn House Office Building, Washington, D.C. 20515.

Thank you again for your time and effort preparing and delivering testimony before the Subcommittee.

Sincerely,



Lee Terry
Chairman
Subcommittee on Commerce,
Manufacturing, and Trade

cc: Jan Schakowsky, Ranking Member, Subcommittee on Commerce, Manufacturing, and Trade
Attachment

Additional Questions for the Record

The Honorable Lee Terry

1. You mentioned that little research has been done on the frequency of concussions in athletes younger than high school. How would you propose a study collecting this information?
2. The Committee on Sports Related Concussions in Youth recommends that NIH and DOD support research to establish metrics and markers of concussion diagnosis, prognosis, and recovery in youth. What are your ideal metrics and markers?
3. You stated that “[c]urrent testing standards and rating systems for protective equipment do not incorporate measures of rotational head acceleration or velocity and therefore do not comprehensively evaluate a particular device’s ability to mitigate concussion risk.”
 - a. Does this imply that current helmet testing standards should not be relied upon in evaluating equipment choice?
 - b. Is there an effective test for rotational head acceleration?
 - c. What improvements would you recommend in order to improve the adequacy of the current testing standards and rating systems?