

NEWSLETTER

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Product Liability ♦ Vehicular Accident Reconstruction ♦ Premise Liability
Mechanical, Electrical, Civil, Chemical, Biomechanical, Metallurgical, Structural

This newsletter is brought to you by Florida Forensic Engineering, Inc. as a service to our valued clients and other professionals with whom we hope to establish a business relationship. Every month, we will bring you news, reviews, article summaries, company information, and recent developments in the field of forensic engineering!

Recent Forensic and Safety Articles

Many times throughout the research process we run across articles that we identify as possible sources of information. We believe that some of these would broaden your knowledge of recent forensic engineering research and possibly provide you with information for one of your cases.

Shown below are **Titles of recent articles and their source** in the area of slip and fall-premise liability, motor vehicle accidents, product liability, and biomechanics.

If you desire an abstract for any of these, please contact us.

BIOMECHANICS:

▶ A systematic review on ankle injury and ankle sprain in sports

Fong DT, Hong Y, Chan LK, Yung PS, Chan KM. Sports Med 2007; 37(1): 73-94.

▶ An abdominal aortic rupture due to seatbelt blunt injury: report of a case

Sugimoto T, Omura A, Kitade T, Takahashi H, Koyama T, Kurisu S. Surgery Today 2007; 37(1): 86-8.

▶ Biomechanical analysis of anterior cruciate ligament injury mechanisms: threedimensional motion reconstruction from video sequences

Krosshaug T, Slauterbeck JR, Engebretsen L, Bahr R. Scan J Med Sci Sports 2006; ePub(ePub): ePub.

▶ Screening for catastrophic neck injuries in sports

Dec KL, Cole SL, Dec SL. Curr Sports Med Rep 2007; 6(1): 16-9.

▶ Biomechanical evaluation of dancers and assessment of their risk of injury

Schoene LM. J Am Podiatr Med Assoc 2007; 97(1): 75-80.

PREMISE LIABILITY:

► Objective and subjective measurements of slipperiness in fast-food restaurants

Chang WR, Li KW, Huang YH, Filiaggi A, Courtney TK. Safety Sci 2006; 44(10): 891-903.

► Pattern of injuries in fatal falls from buildings

Kohli A, Banerjee KK. Med Sci Law 2006; 46(4): 335-41.

► A simple protocol for preventing falls and fractures in elderly individuals with musculoskeletal disease

Kita K, Hujino K, Nasu T, Kawahara K, Sunami Y. Osteoporos Int 2007; ePub(ePub): ePub.

TRANSPORTATION:

► Midair collisions in U.S. civil aviation 2000-2004: the roles of radio communications and altitude

de Voogt AJ, van Doorn RR. Aviat Space Environ Med 2006; 77(12): 1252-5.

► The economic burden of all-terrain vehicle-related pediatric deaths in the United States

Helmkamp J, Lawrence BA. Pediatrics 2007; 119(1): 223-5.

► Traffic signal phasing at intersections to improve safety for alcohol-affected pedestrians

Lenné MG, Corben BF, Stephan K. Accid Anal Prev 2006; ePub(ePub): ePub.

► Accident prediction models for high speed intersections (both rural and urban)

Turner S, Wood G, Roozenburg A. Proc ARRB Group Bienn Conf 2006; 22(CD-ROM).

► Accident prediction models for roundabouts

Wood G, Turner S, Roozenburg A. Proc ARRB Group Bienn Conf 2006; 22(CD-ROM).

► Effectiveness of Child Safety Seats vs Safety Belts for Children Aged 2 to 3 Years

Zaloshnja E, Miller TR, Hendrie D. Arch Pediatr Adolesc Med 2007; 161(1): 65-8.

► Back to the future: Brake reaction times for manual and automated vehicles

Young MS, Stanton NA. Ergonomics 2007; 50(1): 46-58.

► Whiplash associated disorders: pathomechanics, diagnosis, and management

Sizer PS, Poorbaugh K, Phelps V. Pain Practice 2004; 4(3): 249-66.

► Alternating Passing Lane Lengths

Gattis JL, Bhave R, Duncan LK. Transp Res Rec 2006; 2006(1961): 16-23.

► **An examination of the environmental attributes associated with pedestrian-vehicular crashes near public schools**

Clifton KJ, Kreamer-Fults K. Accid Anal Prev 2006; ePub(ePub): ePub.

► **Daytime High-Speed Passing Maneuvers Observed on Rural Two-Lane, Two-Way Highway: Findings and Implications**

Carlson PJ, Miles JD, Johnson PK. Transp Res Rec 2006; 2006(1961): 9-15.

► **Age-related differences in the driving performance of persons entering a motorway**

Buld S, Hoffmann S, Kruger HP. VDI Berichte 2006; 2006(1960): 359-374.

► **Analysis of drivers' behaviour before making a right turn at an intersection based on driving behaviour data on an actual road**

Sato T, Akamatsu M. Rev Automot Eng 2006; 27(2): 287-294.

► **A study on control behaviors of motorcycle riders**

Kawasaki S, Harada M, Yoshimoto K. Rev Automot Eng 2006; 27(2): 301-308.

► **Landscape improvement impacts on roadside safety**

Mok JH, Landphair HC, Naderi JR. Landsc Urban Plan 2006; 78(3): 263-274.

► **Glider accidents: an analysis of 143 cases, 2001-2005**

van Doorn RR, de Voogt AJ. Aviat Space Environ Med 2007; 78(1): 26-8.

► **Modeling the probability of freeway rear-end crash occurrence**

Kim JK, Wang Y, Ulfarsson GF. J Transp Eng 2007; 133(1): 11-19.

► **New methods to identify and rank high pedestrian crash zones: An illustration**

Pulugurtha SS, Krishnakumar VK, Nambisan SS. Accid Anal Prev 2007; ePub(ePub): ePub.

GENERAL:

► **Is the heat wave increasing the number of falls from open windows among children?**

Hussain N, Mewasingh L, Gosalakkal J. Arch Dis Child 2007; 92(1): 90.

► **Understanding and combating design error in process plant design**

Taylor JR. Safety Sci 2007; 45(1-2): 75-105.

► **Caution: Teens at Work**

Miller ME. Northwest Public Health 2006; 23(2): 18-20.

► **Arson: a growing inferno**

Jayaraman A, Frazer J. Med Sci Law 2006; 46(4): 295-300.

► **Dangerous dogs in comparison to the dog population--ways to reduce the dangerousness of dogs**

Kuhne F, Struwe R. Berl Munch Tierarztl Wochenschr 2006; 119(11-12): 445-55.

▶ **Can a falling bullet be lethal at terminal velocity? Cardiac injury caused by a celebratory bullet**

Incorvaia AN, Poulos DM, Jones RN, Tschirhart JM. Ann Thorac Surg 2007; 83(1): 283-4.

▶ **Sword swallowing and its side effects**

Witcombe B, Meyer D. Br Med J 2006; 333(7582): 1285-7.

▶ **Perineal scalds from drive through restaurants: A public health hazard**

Roberts DC, Whitaker IS, Drew PJ. Burns 2007; ePub: ePub.

If you have a technical issue that requires engineering analysis, please do not hesitate to call.
We thank you for your continued support,

Everyone at Florida Forensic Engineering, Inc.

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