NEW PUBLICATIONS

Additions to the CASR library during December 2007 - January 2008

If interested in conference proceedings or book chapters please select individual papers for copy. Hard copy reports will be loaned.
ACCIDENT RECONSTRUCTION

1. Reconstruction of pedestrian-vehicle accident using sequential linear programming optimizer.
   Shen J; Lin X

AGED DRIVER

2. Why do older drivers have a high rate of involvement in casualty accidents per distance driven?
   Catchpole J

3. Association between road vehicle collisions and recent medical contact in older drivers - a case-crossover study.
   Leproust S; Lagarde E; Suissa S; Salmi R
   Injury Prevention 2007; 13(6): 382-387

4. Driving, navigation and vehicular technology - experience of older drivers and their co-pilots.
   Vrkljan BH; Polgar JM

ALCOHOL INTERLOCK

5. Interlocks for first offenders - effective?
   Roth B; Voas R; Marques P

AUSTRALIAN DESIGN RULES

6. Australian design rules for road vehicles No. 2 2007

CHILD RESTRAINT

   Henary B; Sherwood CP; Crandall JR; Kent RW; Vaca FE; Arbogast KB; Bull MJ
   Injury Prevention 2007; 13(6): 398-402

8. Child restraint seat design considerations to mitigate injuries to three year old children in side impact crashes.
   Wang Q; Kapoor T; Tot M; Altenhof W; Howard A

DRINK DRIVING

   Maxwell JC; Freeman J

    McCartt AT; Blackman K; Voas RB

DRIVER PERFORMANCE

11. Self-assessment of driving skill - a review from a measurement perspective.
    Sundstrom A
    Transportation Research Part F 2008; 11: 1-9

DRIVER TRAINING

    SA Motor 2008; Jan/Feb: 12-14

DRUG DRIVING

    Beirness DJ; LeCavalier J; Singhal D

    Holmgren A; Holmgren P; Kugelberg FC; Jones AW; Ahlner J
**ELECTRONIC STABILITY CONTROL**

15. The effectiveness of electronic stability control in reducing real-world crashes - a literature review.
   Ferguson SA

**GRADUATED LICENCE**

   Hanlon S; Smith G

**INJURY RATE**

17. Understanding high traffic injury risks for children in low socioeconomic areas - a qualitative study of parents’ views.
   Christie N; Ward H; Kimberlee R; Towner E; Slaney J
   Injury Prevention 2007; 13(6): 394-397

**MOBILE PHONE**

18. Drivers’ lane changing behaviour while conversing on a cell phone in a variable density simulated highway environment.
   Cooper JM; Vladiesavgilevic I; Strayer DL; Martin PT
   Transportation Research Board, 12p.

19. Experimental analysis of interactions between 'where' and 'what' aspects of information in listening and driving - a possible cognitive risk of using mobile phones during driving.
   Hamada T
   Transportation Research Part F 2008; 11: 75-82

20. Psychosocial factors influencing mobile phone use while driving.
   Walsh SP; White KM; Watson B; Hyde MK

**MOTORCYCLE**

   Haworth N; Mulville C; Rowden P

22. Increased fatalities after motorcycle helmet law repeal - is it all because of lack of helmets?.
   O’Keeffe T; Dearwater SR; Gentilello LM; Cohen TM; Wilkinson JD; McKenny MM
   Journal of Trauma 2007; 63(5): 1006-1009

**OFF ROAD VEHICLE**

23. All-terrain vehicle crash factors and associated injuries in patients presenting to a regional trauma center.
   Brandenburg MA; Brown SJ; Archer P; Brandt EN
   Journal of Trauma 2007; 63(5): 994-999

**OVERTURNING**

24. The influence of seat structure and passenger weight on the rollover crashworthiness of an intercity coach.
   Guler MA; Elitok K; Bayram B; Stelzmann U

25. Rollover injury - effects of near and far seating position, belt use and number of quarter rolls.
   Viano DC; Parenteau CS; Edwards ML

   Young D; Grzebieta R; McIntosh A; Bambach M; Frechede B

**PEDESTRIAN**

27. School journal safety demands holistic approach.
   Land Transport NZ Research 2007; 12: 1-4
28. The 'unintended' pedestrian on expressways.
Istre GR; Mcoy M; Stowe M; Barnard JL; Moore BJ; Anderson RJ

29. A design optimization approach of vehicle hood for pedestrian protection.
Untaroiu CD; Shin J; Crandall JR

30. Mechanism analysis of pedestrian knee-bending angle by SUV type vehicles using human FE model.
Yasiki T
International Journal of Crashworthiness 2007; 12(6): 645-651

RESEARCH

31. What have sampling and data collection got to do with good qualitative research?.
Gibbs L; Kealy M; Willis K; Green J; Welch N; Daly J

32. Generating best evidence from qualitative research - the role of data analysis.
Green J; Willis K; Hughes E; Small R; Welch N; Gibbs L
Australian and New Zealand Journal of Public Health

RESTRANT USAGE

33. Delta V, principal direction of force and restraint use contributions to motor vehicle crash mortality.
Ryb GE; Dischinger PC; Kufera JA; Burch CA
Journal of Trauma 2007; 63(5): 1000-1005

ROAD SAFETY

34. Canadian multidisciplinary road safety conference XVII, Montreal, Canada, 3-6 June 2007.
Montreal
Contents:
I. Drowsy drivers and routinely collected crash data
II. The secret of electronic stability control (ESC)
III. Continuous transdermal alcohol monitoring - an overview
IV. An integrated active vehicle safety system (IAVSS) to improve vehicle dynamic safety
V. A proactive tool for safety evaluation in urban transportation planning applications
VI. Exploration of fully Bayesian methods for observational before-after road safety studies
VII. Human factors considerations in the design of rumble strips
VIII. A transportation of dangerous goods policy and evaluation protocol
IX. Vehicle skid tests - the effect of tire inflation pressure on the coefficient of friction
X. Event data recorders - an impartial witness
XI. A comparison of real world frontal impacts and staged crash tests
XII. Momentum and event data recorders
XIII. The leaders program - the route to driving safer
XIV. Specialized driving program - a multifaceted approach
XV. Analysis of Botswana road traffic accidents
XVII. A concept for a portable mass moment of inertia measurement device
XVIII. Motor vehicle collisions - psychological impact
XIX. Differentiating aggressive driving and risky driving by means of self-report measures and behaviours on a driving simulator
XX. Guidance for research - injury data collection for crash reconstruction studies
XXI. To deploy or not to deploy - frontal impact case studies
XXII. Investigating the application of beta-binomial models in highway safety
XXIII. Evaluating the impact of road safety education on some safety parameters in south eastern states of Nigeria
XXV. Fatal and injury crashes among unlicensed drivers
XXVI. Does concurrent practice with a cell phone while driving reduce driver distraction?
XXVII. A national study of Canadian children's safety in vehicles
XXVIII. Use of load limiting tethers in child restraint systems as a method to mitigate injuries to toddlers in frontal crash
XXIX. Child anthropometric measurements in Canada
XXX. Developing a safety action plan for Red Dee, Alberta
XXXI. The recent dramatic decline in road mortality in France - how drivers attitudes towards road traffic safety changed between 2001 and 2004 in the Gazel Cohort
XXXII. Advancing sustainable safety in the Netherlands
XXXIII. Drinking and driving in Canada - results of the road safety monitor 2006
XXXIV. An enhanced video-based image based processing system for the automatic implementation of the eye and dark room examination involved in the Drug Recognition Expert (DRE)
XXXV. Investigation of effects of alternate numerical procedures on the Risk Index Calculations in roadside safety design
XXXVI. Relating roadside collisions to highway clear zone width
XXXVII. Review of applicable technologies in preventing commercial vehicle tire bursts and explosions
XXXVIII. Road safety vision 2010 - mid-term review
XXXIX. Alberta's response to Road Safety Vision 2010
XL. Ottawa's integrated road safety program
XLI. Wheel chair accessibility - descriptive study of intersections in an urban area
XLII. The cold facts about snowmobile crashes in Ontario

RURAL ROAD

37. Increased rural vehicular mortality rates - roadways with higher speed limits or excessive vehicular speed.
   Gonzalez RP; Cummings GR; Phelan HA; Harlin S; Mulekar M; Rodning CB
   Journal of Trauma 2007; 63(6): 1360-1363

SPEEDING

38. Development of an implicit association test to measure attitudes toward speeding.
   Hatfield J; Fernandes R; Faunce G; Soames Job RF

TRAFFIC ACCIDENT

39. Comparison of mid-block and intersection-related left turn collisions.
   Roudsari B; Kaufman R; Nirula R
   Traffic Injury Prevention 2007; 8(4): 393-397

40. Predictors of motor vehicle collision injuries among a nationally representative sample of Canadians.
   Vingilis E; Wilk P

TRAFFIC MANAGEMENT

41. Guide to traffic management - Part 1 - Introduction to traffic management.
   Sydney : Austroads,
   Report no. AGTM01/07 13p.

42. Guide to traffic management - Part 6 - Intersections, interchanges and crossings.
   Sydney : Austroads,
   Report no. AGTM06/07 176p.

   Malaysia

36. Safer roads save lives.
   SA Motor 2008; Jan/Feb: 20-22
TRAFFIC SIGN

43. Manual of uniform traffic control devices - Part 15 - Direction signs, information signs and route numbering.
   Sydney : Standards Australia,

VEHICLE WEIGHT

44. Factors associated with safety of passenger cars.
   Tanishita M; Miyoshi H
   IATSS Research 2007; 31(2): 84-93

YOUNG DRIVER

45. Personality factors as predictors of persistent risky driving behavior and crash involvement among young adults.
   Gulliver P; Begg D
   Injury Prevention 2007; 13(6): 376-381

46. Temporal patterns of crashes of 16 to 17 year old drivers in Fairfax County, Virginia.
   Hellinga LA; McCartt AT; Mandavilli S