## GERALD J.S. WILDE, Ph.D,

Professor Emeritus of Psychology, Queen's University, Kingston, Ontario, Canada,



# Curriculum vitae (updated July 2012):

**Place and date of birth:** Groningen, the Netherlands, 1932.10.23

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## I EDUCATION

- 1. Secondary Education: Gymnasium (Beta programme), Deventer, The Netherlands, 1945-1951
- 2. Military Service in Dutch Army, paramedic training (conscripted): 1951-1953
- 3. B.A. (Psychology): University of Amsterdam, 1955
- 4. M.A. (Psychology): University of Amsterdam, 1959 (cum laude)
- 5. Ph.D. (Faculty of Mathematics and Physical Sciences) University of Amsterdam, 1962 (*cum laude*)

## II POSITIONS HELD

- 1. Lecturer at University of Amsterdam, the Netherlands, 1959-1962
- 2. Lecturer at University of Utrecht, the Netherlands, 1962-1964
- **3**. Research psychologist, Psychosomatic Research Unit, Amsterdam University Hospital, **the Netherlands**, 1962- 1964
- 4. Visiting professor, City University of New York, (Hunter College) USA, 1964-1965
- 5. Assistant professor, Queen's University, Kingston, Ontario, Canada, 1965-1966
- **6**. Associate professor, Queen's University, 1966-1971
- 7. Professor, Queen's University, 1971-1997
- 8. Visiting Scientist, Organisme National de Sécurité Routière, France, 1971-1972
- **9**. (8)Tj/TT,M251(9H-.0001 Tc.Udc4)

effects, ergonomic (aka human factors) psychology, accident causation theory, accident prevention.

## V RESEARCH EXPERIENCE

1959-1970: psychometric approaches to personality assessment; consumer behaviour; psychosomatic medicine. 1965-1968: heritability of individual differences; behaviour modification in the addictions; sensory deprivation. 1969-present: the ergonomics of fitting the human-made environment (the workplace, traffic environment, etc.) to human performance capabilities and limitations; traffic behaviour and accident causation; mass communication theory and its application to the alleviation of behavioural problems of societal concern, job satisfaction, risk taking, effect of alcohol upon performance.

VI

- 1. Research Board, **Dutch** Psychological Association (1962-1964), member.
- 2. Board of Directors, Clinical Division of the **Dutch** Psychological Association (1963-1964), member.
- 3. Committee on Distribution and Use of Psychological Tests, **Ontario** Psychological Association (1968-1969), member.
- 4. Team Committee on Road Safety Research of the **Canadian** Institute of Engineering (1967-1969), member.
- 5. Research Correlation Committee of the Roads and Transportation Association of **Canada**, (1969-1973), member.
- 6. Research Group on the Scientific Evaluation of Safety Campaigns, Road Research Programme, Organisation de Cooperation et de Développement Economiques (OECD) Paris, **France** (1970-1975), chairman.

- **Netherlands**, (July 3-7, 1989).
- 23. Human Factors Association of Canada, Chair, Scientific Programme Committee, annual conference, (1990).
- 24. Editorial Board, *Accident Analysis and Prevention* (1991-1995), member.
  25. Symposium Organizer, 2<sup>nd</sup> European Congress of Psychology, Budapest, **Hungary**, (July 8-12, 1989).
- 26. Symposium Organizer, 23<sup>rd</sup> International Congress of Applied Psychology, Madrid, **Spain**, (July 17-22, 1989).
- 27. Symposium Organizer, International Conference on Traffic and Transport Psychology, Valencia, Spain, May 22-25, 1996
- 28. International Association of Applied Psychology, Member of the Executive of the Division of Traffic and Transportation Psychology.
- 29. Member, Expert Panel for Re

Toronto; BBC and Discovery Channel, London, **Great Britain**, CBC, Toronto; Finnish National Television, Helsinki, **Finland**).

## VIII BOOKS

1. Wilde, G.J.S. Neurotische labiliteit gemeten volgens de vragenlijstmethode

*Behaviour: Theory and Research.* Wolfeboro, NH: Van Gorcum, 1988, 66-76. 16. Wilde, G.J.S. Risk taking in psychomotor and cognitive tasks as a function of

- (Eds.). *Statistics, Science and Public Policy. II Hazards and Risks*. Kingston, Ontario: Queen's University, 1998 (ISBN 0-88911-817-5), pp. 39-45.
- 29. Wilde, G.J.S. Risk homeostasis. In Saito, I. And Kawana, Y. (Eds.) *The handbook of experimental social psychology 7: Applied social psychology* [in Japanese]. Tokyo: Seishin Shobo Publishers, 1999, pp. 101-104.
- 30. Wilde, G.J.S. The awareness and acceptance of risk acceptance at Westray. In McCormick, C. (ed.), *The Westray Chronicles. A Case Study in Corporate Crime*, Halifax, Nova Scotia: Fernwood Publishing, 1999, pp. 97-116.
- 31. Wilde, G.J.S. Alcohol, Fatigue, Inattention and Other Immediate Causes of Accidents and Their Significance for an Effective Accident Prevention Strategy. In von Holst, H., Nygren, A. and Andersson, A. *Transportation, Traffic Safety and Health Human Behaviour*. Berlin: Springer, 2000, pp. 181-202.
- 32. Wilde, G.J.S. On the homeostasis of risk. Chapter 1 in Hennessy, D.A. and Wiesenthal, D. L. (Eds) *Contemporary Issues in Road User Behavior*, Nova Science Publishers, Hauppauge, New York, 2005, pp. 3-12.
- 33. Wilde, G.J.S. Risk homeostasis theory and its implications for road accident prevention, Chapter in "Towards Future Traffic Safety Research" (H. Monterde-i-Bort and D. Moreno-Ribas, Eds.). Palmero Edicciones, Spain, (to be published in 2008).
- 34. Wilde, G.J.S. Homeostasis drives behavioural adaptation. Chapter 5 in Jamson, S. and Rudin-Brown, M. *Behavioural adaptation: Theory, Evidence, and Action* (to appear in 2012). London, UK, Taylor and Francis.
- 35. Wilde, G.J.S. (in press). Applying the risk-homeostatic dynamic to improvement of safety and life-style-dependent health. Chapter 21 in Jamson, S. and Rudin-Brown, M. *Behavioural adaptation: Theory, Evidence, and Action* (to appear in 2012). London, UK, Taylor and Francis.

### X BOOK REVIEWS WRITTEN

- 1. *Driving Passion*, by Marsh, P. and Collett, P, London: Jonathan Cape, 1986, for the *Whig-Standard Magazine*, 1987.
- 2. *Risk Watch*, by Urquhart, J. and Heilmann, K. New York: Facts on File Publications, 1987, for *At the Centre*, Canadian Centre for Occupational Health and Safety, 1988, 10, 18-19.
- 3. *Individual behaviour in the control of danger*, by Hale, A.R. and Glendon, A.I. Amsterdam: Elsevier, 1987), for *Accident Analysis and Prevention*, 1988, 20, 327-329.
- 4. *Psychosocial aspects of disaster*, by Gist, R. and Lubin, B. (Eds.), New York: Wiley, 1989, for *Disaster Management*, (1990).
- Work design in practice, by C.M. Haslegrave, J.R. Wilson, E.N. Corlett and I. Manenica (Eds.), <u>Journal of Organizational Behavior</u>, 1994, *15*, 191-192.
- 6. Dealing with Risk; Why the Public and the Experts Disagree on Environmental Issues, by H.W. Margolis, University of Chicago Press, 1996, for International Statistical Institute, Short Book Reviews, Vol. 17, 1997, pp. 42-43.

- Psychosomatic Research, 1964, 8, 317-318.
- 14. Treurniet, N. and Wilde, G.J.S. Untersuchung einiger Psychosomatischen Hypothesen mit Hilfe der kontinuierlichen intraarteriellen Blutdruckmessung bei einem Patienten mit essentieller Hypertonie. (Psychosomatic hypotheses investigated by means of continuous intra-arterial blood pressure measurements in an essential hypertension patient). *Psyche*, 1966, 20, 54-66.
- 15. Wilde, G.J.S. The Significance of Decided and Query Answers to Lie-Items in a Personality Questionnaire. *British Journal of Social and Clinical Psychology*, 1966, 5, 37-41.
- 16. Gillissen, J.P.A., Wilde, G.J.S. and van Dijl, H. De mate van neuroticisme bij patienten met neusverstoppingen. (The degree of neuroticism in patients with vasomotor rhinitis). *Nederlands Tijdschrift voor Geneeskunde*, 1967, *111*, 210-214.
- 17. Wilde, G.J.S. Critical aspects of behaviour therapy with special reference to the addictions. *Ontario Psychological Association Quarterly*, 1967, 20, 75-78.
- 18. Gendreau, P.E., Freedman, N.L., Wilde, G.J.S. and Scott, G.D. Stimulation seeking after seven days of perceptual deprivation. *Perceptual and Motor Skills*, 1968, 26, 547-550.
- 19. Gendreau, P.E., Horton, J.G., Hooper, D.G., Freedman, N., Wilde, G.J.S. and Scott, G.D. Perceptual deprivation and perc

- 48. Wilde, G.J.S. and Kunkel, E. Die begriffliche und empirische Problematik der Risikokompensation. *Zeitschrift für Verkehrssicherheit*, 1984, *30*, 52-61.
- 49. Wilde, G.J.S. The use of incentives for the promotion of accident-free driving. *Journal of Studies on Alcohol*, 1985, Supplement No. 10, 161-168.
- 50. Wilde, G.J.S. Assumptions necessary and unnecessary to risk homeostasis. *Ergonomics*, 1985, <u>28</u>, 1531-1538.
- 51. Wilde, G.J.S. Beyond the concept of risk homeostasis: Suggestions for research and application towards the prevention of accidents and lifestyle-related disease. *Accident Analysis and Prevention*, *18*, 1986, 377-401.
- 52. Wilde, G.J.S. Notes on the interpretation of traffic accident data and of risk homeostasis: A reply to L. Evans *Risk Analysis*, *6*, 95-101, 1986.
- 53. Wilde, G.J.S. The Q'Code: A Simple System for Small-Computer Coding of Antique maps. *Cartographica*, 22, 60-76, 1985.
- 54. Wilde, G.J.S. Metodos para promover segurança no trànsîto e uso do cinto de segurança. *Psicologia e Trànsito*, 2, 13-17, 1985 (Brazil).
- 55. Wilde, G.J.S. Risk homeostasis theory and traffic accidents: propositions, deductions and discussion of dissension in recent reactions: *Ergonomics* 1988, *31*, 441-468.
- 56. Carr, A.J. and Wilde, G.J.S. Effects of actual and potential stressor control on physiological and self-reported stress response. *Journal of Social and Clinical Psychology*, 1988, <u>6</u>, 371-387.
- 57. Wilde, G.J.S. Accident countermeasures and behavioural compensation: the position of risk homeostasis theory, *Journal of Occupational Accidents*, 1989, *10*, 267-292.
- 58. Platenius, P.H. and Wilde, G.J.S. Personal characteristics related to accident histories of Canadian pilots. *Aviation, Space and Environmental Medicine*, 1989, *60*, 42-45.
- 59. Wilde, G.J.S. Véhicule informatisé et sécurité routière. *Recherche Transports Sécurité*, No. 26, Juin 1990, 29-36.
- 60. Wilde, G.J.S. Economics and Accidents: A Commentary. *Journal of Applied Behavior Analysis*, 1991, 24, 81-84.
- 61. Lonero, L.P. and Wilde, G.J.S. Get your incentive program off the ground. *Occupational Health and Safety Canada*, 1992, 8, 62-71.
- 62. Wilde, G.J.S. Effects of mass media communications upon health and safety habits of individuals: An overview of issues and evidence. *Addiction*, 1993, 88, 983-996.
- 63. Ward, N.J., and Wilde, G.J.S. A comparison of vehicular approach speed and braking between day and night-time periods at an automated railway crossing. *Safety Science*, 1995, *19*, 31-44.
- 64. Ward, N.J. and Wilde, G.J.S. Field observation of advance warning/advisory signage for passive railway crossings with restricted lateral sightline visibility: An experimental investigation. *Accident Analysis and Prevention*, 1995, 27, 185-197.
- 65. Burns, P.C. and Wilde, G.J.S. Accident history related to driving styles and sensation seeking personality: The case of the taxi driver. *Personality and Individual Differences*, 1995, *18*, 267-278.
- 66. Ward, N.J. and Wilde, G.J.S. Driver approach behaviour at railway crossings before and after enhancement of lateral sight distances: An experimental investigation of a risk perception and behavioural compensation hypothesis. *Safety Science*, 1996, 22, 63-75.
- 67. Heino, A., van der Molen, H.H. and Wilde, G.J.S. Risk perception, risk taking,

- accident involvement and the need for stimulation. Safety Science, 1996, 22, 35-48.
- 68. Björgvinsson, Th. and Wilde, G.J.S. Risky health and safety habits related to perceived value of the future. *Safety Science*, 1996, <u>22</u>, 27-34.
- 69. Heino, A., van der Molen, H.H. and Wilde, G.J.S. Risk experience between sensation avoiders and sensation seekers. *Personality and Individual Differences*, 1996, 20, 71-79.
- 70. Ward, N.J. and Wilde, G. J.S. Driver approach behaviour at an unprotected way crossing before and after enhancement of lateral sight distances: An experimental investigation of a risk perception and behavioural compensation hypothesis. *Safety Science*, 1996, 22, 63-76.
- 71. Simonet, S. and Wilde, G.J.S. Risk: Perception, acceptance and homeostasis. *Applied Psychology: An International Review*, 1997, 46, 235-252.
- 72. Wilde, G.J.S. Risk homeostasis theory: An overview. *Injury Prevention*, 1998, 4, 89-91.
- 73. Wilde, G.J.S., Gerszke, D. and Paulozza, L. Risk optimization training and transfer. *Transportation Research Part F: Traffic Psychology and Behaviour*, 1998, <u>1</u>, 77-93.
- 74. Wilde, G.J.S. Targeting Risk. *Recovery*, 1998, *9*, 18-19. Also accessible at: <a href="http://www.icbc.com/oldrecover/Volume9/Number2/TargetingRisk/">http://www.icbc.com/oldrecover/Volume9/Number2/TargetingRisk/</a>
- 75. Arnedt, J.T., Wilde, G.J.S., Munt, P.W. and MacLean, A.W. Simulated driving performance following prolonged wakefulness and alcohol consumption: Separate and combined contributions to impairment. *Journal of Sleep Research*, 2000, 9, 233-241.
- 76 Arnedt, J.T., Wilde, G.J.S., Munt, P.W. and MacLean, A.W. How do prolonged wakefulness and alcohol compare in the decrements they produce on a simulated driving task? *Accident Analysis & Prevention*, 2001, *33*, 337 344.
- 77. Wilde, G.J.S, Robertson, L.S. and Pless, I.B. For and Against: Does risk homeostasis theory have implications for road safety? Invited article. *British Medical Journal*, 324, 2002, 1149-1152.
- 78. Wilde, G.J.S. (2009). Roadside aesthetic appeal, driver behaviour and safety. *Canadian Journal of Transportation*, *3*, (e-journal): <a href="http://journals.hil.unb.ca/index.php/CJT/article/view/15258/16418">http://journals.hil.unb.ca/index.php/CJT/article/view/15258/16418</a>>...
- 79. Wilde, G.J.S. (2011) Risicohomeostase in een notedop. *Almanak voor Economie en Econometrie 2011-2012*, Erasmus Universiteit, Rotterdam, the Netherlands, pp.62-63.
- 80. Wilde, G.J.S. (in press) Homeostasis drives behavioural adaptation. In M. Rudin

- 2. Wilde, G.J.S. Panelist at the <u>Seminar on the Medical Aspects of Safe Driving</u>, organized by the Ontario Department of Transport, Toronto, May 1970. Printed report of the proceedings, Toronto, Ontario, **Canada**, 1970.
- 3. Wilde, G.J.S. Road Safety Publicity: Status Quo and Future Developments.

  <u>Proceedings, International Conference on the Design of Safety Campaigns</u>, Rome, **Italy**, October 13-15, 1971.
- 4. Wilde, G.J.S. General Survey and Efficiency and Effectiveness of Road Safety Campaigns: Achievements and Challenges. <u>Proceedings, International Conference</u> on Road Safety Campaigns. The Hague, **the Netherlands**, October 19-20, 1972.

Changes in Driver Attitudes in Response to the Ontario Seat Belt Legislation: Report on Aggregate Data. <u>Proceedings, Annual Conference of the Traffic Injury Research Foundation of Canada</u>, Ottawa, Ontario, **Canada**, October 6-8, 1976.

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- traffic: an analysis of international experience. Invited paper, <u>Proceedings of the Thirteenth International GIs Summer Symposium "Der Mensch und seine Risiken in Gesellschaft, Technik und Umwelt psychologisch pädagogisch, soziologisch-, Gelsenkirchen, **Germany**, June 15-17, 1992, 61-69.</u>
- 43. Wilde, G.J.S. (1992). Modification of driver behaviour through incentives for accident-free driving: implications for automobile insurance practices. Paper presented at <a href="The International Conference on Automobile Insurance and Road">The International Conference on Automobile Insurance and Road</a> Accident Prevention, OECD, Amsterdam, the Netherlands..
- 44. Heino, A., van der Molen, H.H. en Wilde, G.J.S. Individuele verschillen in autorijgedrag en risicoperceptie (individual differences in driver behaviour and risk perception). Poster presented at <u>BBC Conference, Biologisch Centrum</u>, Haren, Groningen, **the Netherlands**, December 14, 1992 (abstract published in proceedings), 54-55.
- 45. Heino, A., van der Molen, H.H. en Wilde, G.J.S. Individuele verschillen in autorijdrag and risicoperceptie. Paper presented at <u>The Annual Conference of Psychology in the Netherlands</u>, November 19-20, 1992, **the Netherlands** (abstract published in proceedings), 34.
- 46. Wilde, G.J.S. Improve risk perception and reduce risk acceptance: Two proposals for driver education". <u>Proceedings, Novice Driver Education Symposium</u>, University of Alberta, Edmonton, Alberta, **Canada**, April 22-23, 1993; published by the Alberta Motor Association.
- 47. Björgvinsson, Th. and Wilde, G.J.S. Risky health and safety habits related to the perceived value of the future. 23 International Congress of Applied Psychology, Symposium "Risk homeostasis theory: Current perspectives", Madrid, E., **Spain**, July 18-22, 1994 (abstract only).
- 48. Wilde, G.J.S. Improving trucking safety and profitability by safety incentive schemes. Paper presented at the conference <u>Truck Safety: Perceptions and Reality</u> (organized by the Institute for Risk Research at the University of Waterloo, Ontario), Toronto, Ontario, **Canada**, Sept. 11-13, 1995.
- 49. Wilde, G.J.S. Accident risk: Perception, acceptance and homeostasis. 3<sup>rd</sup>
  <u>International Conference on Injury Prevention and Control</u>. Melbourne, **Australia**, Feb. 18-22, 1996.
- 50. Wilde G.J.S. Reducing risk acceptance by incentives for safety. Presentation in the Round Table Session: Self Responsibility and Regulation in Road Safety. 3<sup>rd</sup>

  <u>International Conference on Injury Prevention and Control</u>. Melbourne, **Australia**, Feb. 18-22, 1996.
- 51. Wilde, G.J.S. The concept of target risk and accident prevention strategies. <u>1996</u> Occupational Injury Symposium, Worksafe Australia, Sydney, **Australia**, Feb. 24-27, 1996.
- 52. Björgvinsson, Th. and Wilde, G.J.S. Drivers' risky habits and their perception of the value of the future. <u>International Conference on Traffic and Transport Psychology</u>, Valencia, **Spain**, May 22-25, 1996 (abstract only).
- 53. Wilde, G.J.S., Gerszke, D. and Paulozza, L. Risk optimization training and transfer. <u>International Conference on Traffic and Transport Psychology</u>, Valencia, **Spain**, May 22-25, 1996 (abstract only).
- 54. Wilde, G.J.S. Target Risk. Invited address, Risk-Based Asset Management for Dams,

Reservoirs and Hydro Plants; The 1997 H.G.

- 1. Wilde, G.J.S. ABV (Amsterdam Personality Inventory) Personality questionnaire with 8 scoring categories, keys, manual, separate percentile norms for sex and age groups. Special forms for use in Flemish Belgium. Amsterdam, van Rossen, 1962.
- 2. Burger, A.W., Wilde, G.J.S. and de Waard, J.A.A., Voorlopige Handleiding bij de Graffelschaal (Behaviour rating scales and manual for use in occupational therapy settings). Published by van Rossen, Amsterdam, 1966.
- 3. Wilde, G.J.S. and van Dijl, H. ABV-K (Amsterdam Personality Inventory for children between 8 and 15 years). Four scoring keys, manual, percentile norms for male and female subjects. Amsterdam, van Rossen, 1967.
- 4. Wilde, G.J.S. and Curry, G.A. Psychological Aspects of Road Research: A Study of the Literature 1959-1968. Published by Road and Motor Vehicle Traffic Safety, Ministry of Transport, Ottawa, 1970 (144 pages).
- 5. Berry, J. and Wilde, G.J.S. Social Psychology of Canada, an Annotated Bibliography, Queen's University, Dept. of Psychology, 1971 (96 pages).
- 6. Wilde, G.J.S., L'Hoste, J., Sheppard, D. and Wind, G. Road Safety Campaigns: Design and Evaluation. The Use of Mass Communications for the Modification of Road User Behaviour. Published by the O.E.C.D. (i.e., Organisation for Economic Co-operation and Development), Paris, France, 1971 (76 pages). Also published in French: Campagnes de Sécurité Routière, Calcul et Evaluation.
- 7. Curry, G., Hieatt, D., Young, R., and Wilde, G.J.S. Portable Instrumentation for Driver Behaviour Research. Queen's University Studies of Safety in Transport, Report No. 71-1, prepared for Traffic Safety, Transport Canada, July 1971.
- 8. Laidlaw, J.B., and Wilde, G.J.S. A Validation Study of Tapping Performance as a Measure of Perceptual Processing Load. Queen's University Studies of Safety in

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- Transport Canada, 1979.
- 27. Murdoch, P.A. and Wilde, G.J.S. Reward and Punishment in Driver Behaviour; A Study of Legal and Socio-Economic Means for Improving Drivers' Concern for Road Safety. Queen's University. Studies of Safety in Transport. Report published by the Ministry of Transportation and Communications, Toronto, 1980.
- 28. Wilde, G.J.S., and Stinson, J.F. Human Factors Considerations in Locomotive Cab Design. Published by the Canadian Institute of Guided Ground Transport, Report No. 80-9, Queen's University, Kingston, 1980 (178 pages).
- 29. Feyerer, N.M. and Wilde, G.J.S. Driver approach behaviour at signalized rural intersections. Published by the Ministry of Transportation and Communications, Research and Development Division, Toronto, Ontario, 1980 (50 pages).
- 30. Wilde, G.J.S. and Ackersviller, M.J. Accident Journalism and Traffic Safety Education. Transport Canada, Traffic Safety, Report No. TP 3659 E/CR 8202, Ottawa, 1981 (75 pages).
- 31. Wilde, G.J.S. and Ackersviller, M.J. La communication des accidents par les media et l'éducation à la sécurité routière. Transports Canada, Sécurité routière. Rapport TO 3659 F/CR 8202, Ottawa, 1981 (French translation of above).
- 32. Palmer, D.L. and Wilde, G.J.S. A Model of Consumer Behaviour Relative to Energy Conservation. Prepared for Transport Canada, Traffic Safety in Connection with the Workshop on Promoting Fuel Efficient Driver Behaviour, Ottawa, March 23-24, 1982 (36 pages).
- 33. Wilde, G.J.S. and Ackersviller, M.J. The Effect of Posting Observed Driver Behaviour upon Subsequent Driver Response: The Case of Moving Speed Prepared for Transport Canada, Traffic Safety, July 1982 (54 pages).
- 34. Grant, B.A., Jonah, B A, Wilde, GJS & Ackersviller-Mont, E, M. The use of feedback to encourage seat belt wearing (TMRU 8301). Road Safety and Motor Vehicle Regulation Dictorate, Ottawa, Canada, 1983.
- 35. Buck, L., Dewar, R., and Wilde, G.J.S. Hinton Train Collision: Submission to the Honourable Mr. Justice René Paul Foisy, prepared by a Technical Committee of the Human Factors Association of Canada, Rexdale, Ont., March 1986 (17 pages).
- 36. Platenius, P.H., and Wilde G.J.S. "A psychometric study of Canadian pilot licence holders and their aviation accident risk". Prepared for Aviation Safety Bureau, Canadian Aviation Safety Board, Canadian Transport Commission, Ottawa), July 1986.
- 37. Wilde, G.J.S. "Safety Campaigns", Chapter XI in "OECD Road Safety Research: A Synthesis", published by the Organization for Economic Co-operation and Development, Paris, 1986.
- 38. Hauer, E., and Wilde, G.J.S. Grade crossing safety: a review of data and methods. Commissioned by the Canadian Transportation Commission (Ottawa) March 1987.
- 39. Wilde, G.J.S., Hay, M.C., and Brites, J.N. Video-recorded driver behaviour at railway crossings: approach speeds and critical incidents. Prepared for Transportation Development Centre Transport Canada. Canadian Institute for Guided Ground Transport, Report No. 87-6, December 1987)
- 40. Wilde, G.J.S. Véhicule informatisé et sécurité routière. INRETS, Paris, France, Sept. 1989
- 41. Wilde, G.J.S. Focus on broadcast alcohol advertising: mass media communications

<a href="http://psyc.queensu.ca/faculty/wilde/westray.html">http://psyc.queensu.ca/faculty/wilde/westray.html</a>>
52. V. Knowles, B. Persaud, M. Parker, Jr., G. Wilde, "Safety, Speed & Speed Management," Transport Canada

- D.E.).
- 5. Gendreau, P., Freedman, N.L., Scott, G.D. and Wilde, G.J.S. The effect of seven days perceptual deprivation on the visual evoked potential and EEG frequency. Paper read at the 29<sup>th</sup> Annual Convention of the Canadian Psychological Association, Calgary, Alberta, **Canada**, June 5-7, 1968.
- 6. Wilde, G.J.S. and Olive, C. Motivational Distortion in Mental Load Measurements. <u>Semi-Annual Convention of the Human Factors Association of Canada</u>, University of Waterloo, Ontario, **Canada**, January 1970.
- 7. Wilde, G.J.S. Social Psychological Factors and Use of Mass Publicity in Road-User Behaviour. Paper read at the <u>Annual Convention of the Canadian Psychological</u> Association, June 1071, St. John's, Nfld, **Canada**.
- 8. Wilde, G.J.S. Is personality inherited? Twin research in the Netherlands and in Canada. <u>Annual Convention of the Human Factors Association of Canada</u>, Learned Societies, Queen's University, Kingston, Ontario, **Canada**, June 1972.
- 9. Wilde, G.J.S. Portable instrumentation of psychological and mental load variables in car drivers. <u>Annual Convention of the Human Factors Association of Canada</u>, Learned Societies, Queen's University, Kingston, Ontario, **Canada**, June 1972.
- 10. Wilde, G.J.S. Is there an Ergonomic Solution for the Highway Accident Problem? <u>Seventh Annual Conference of the Human Factors Association of Canada</u>. Carleton University, Ottawa, Ontario, **Canada**, June 8-9, 1974.
- 11. Wilde, G.J.S. Immediate and Delayed Feedback in Social Interaction patterns in Road User Behaviour. <u>Convention, International Association of Applied Psychology</u>, Munich, **Germany**, July 31 -August 4/78.
- 12. Wilde, G.J.S. Deficiencies in the Use of Intermediate Criteria of Accident Countermeasure Effectiveness. Presented at <u>Convention, International Association of Applied Psychology</u>, Munich, **Germany**, July 31 -August 4/78.
- 13. Wilde, G.J.S., and Murdoch, P. Incentive Systems for Accident-Free Driving in the General Population. Presented at the <u>International Conference on Road Safety</u>, organized by the British Psychological Society, Welsh Branch, Cardiff, Wales, **Great Britain**, Sept. 7-11, 1981.
- 14. Wilde, G.J.S. Social Interaction Patterns in Road User Behaviour. Lecture presented at the 1982 Study Week in Traffic Safety organized by the Department of Civil Engineering, University of Toronto and the Department of Psychology, Queens University, Clark Hall, University of Toronto, Ontario, Canada, March 29-April 1, 1982.
- 15. Wilde, G.J.S. Risk Taking Behaviour and Deterrence in Road Safety. Lecture presented at 1982 Study Week in Traffic Safety organized by the Department of Civil Engineering, University of Toronto and the Department of Psychology, Queens University, Clark Hall, University of Toronto, Ontario, Canada, March 29-April 1, 1982.
- 16. Jonah, B. and Wilde, G.J.S. A Comparative Study of the Effects of Enforcement and Posted Feedback upon Compliance with Seat Belt Legislation. Paper presented at the

presented at the <u>Annual Convention of the Canadian Psychological Association</u> mentioned above.

## XV COLLOQUIA,

- Chapter of the Institute of Transportation Engineers, Ottawa, Ontario, Canada, May 15, 1975.
- 18. L'analyse psychologique de la causalité des accidents routiers. Colloquium presented at the Université de Moncton, N.B., **Canada**, Jan. 20, 1976.
- 19. On the Constructive Use of Mass Media Publicity. Paper presented at the Seminar on the Uses and Abuses of the Mass Media, Belleville, Ontario, **Canada**, April 26-27, 1977.
- 20. Design characteristics of Effective Mass Media Publicity for the Promotion of Road Safety. Paper presented at the Federal-Provincial Seminar on Mass Media Communications, Ottawa, Canada, May 26-27, 1977.
- 21. Driver Behaviour at Railroad Crossings. Meeting of the Toronto Chapter of the Institute of Transportation Engineers, Toronto, Ontario, **Canada**, Sept. 20, 1977.
- 22. The Law of the Conservation of Misery, or the Study of Driver Behaviour. Colloquium, Department of Psychology, Queen's University, Kingston, Ontario, Canada, October 6, 1977.
- 23. Social and Motivational Factors in Road User Behaviour. Human Factors Workshop, Transportation Research Board, Washington, D.C., **USA**, January 14, 1979.
- 24. Presentation to Select Committee on Traffic Safety. Ontario Provincial Legislature, Parliament Building, Toronto, Ontario, **Canada**, March 1977.
- 25. Risk Taking Strategies and Accident Causation Colloquium, University of Groningen, **the Netherlands**, Department of Experimental Psychology, January 16, 1979.
- 26. Mass media messages and Road User Behaviour. Guest lecture in course on Social Studies of Traffic Behaviour, University of Groningen, **the Netherlands**, Department of Psychology, Feb. 28, 1979.
- 27. The Role of Mass Media Communications in Road Safety Promotion. Colloquium, Academy for Transportation Science, Tilburg, **the Netherlands**, April 4, 1979.
- 28. Homeostatic Processes in Risk Taking Behaviour. Colloquium. Institute of Sensory Physiology, RVO-TNO, Soesterberg, **the Netherlands**, April 12, 1979.
- 29. Risk compensation Theory. Colloquium, University of Helsinki, **Finland**. Faculty of Social Sciences, April 23, 1979.
- 30. Towards a More Educational Accident Journalism. Paper presented at the annual meeting of the Finnish road safety research community, Lahti, **Finland**, April 25, 1979.
- 31. The Law of the Conservation of Accidents.

- 36. Simulation and Field Experimentation in Risk Research. Guest lecture, Academy of Social Sciences, Leeuwarden, **the Netherlands**, June 14, 1979.
- 37. Homeostatic Processes in Risk-Taking Behaviour. Colloquium, Department of Psychology, University of Amsterdam, **the Netherlands**, July 5, 1979.
- 38. Road Safety Education through the Mass Media. Paper presented at the Road Safety Education Seminar at An Foras Forbartha, the National Institute for Physical Planning and Construction Research, Dublin, **Eire**

- Ontario Commission on Truck Safety, Ontario, Canada, Feb. 26, 1982.
- 53. Psychological Contributions to Ergonomics. Presented at the meeting of the Industrial Accident Prevention Association, Kingston, Ontario, **Canada**, March 16, 1982.
- 54. Incentive versus Deterrence Systems in the Control of Drinking Driving. Paper presented at the conference of the Alcoholic Beverage International Medical Advisory Committee, Halifax, N.S., **Canada**

- 69. Risk taking and health. School of Nursing, Queen's University, Kingston, Ontario, **Canada**, March 17, 1986.
- 70. Mass Media Communications for the Promotion of Traffic Safety. Second National Conference on Traffic Psychology, Federal University at Uberlandia, Minas Gerais, **Brazil**, Aug. 11 15, 1986.
- 71. The theory of risk homeostasis. Colloquium, Department of Psychology, University of Ribeirão Prêto, São Paulo, **Brazil**, August 18, 1986.
- 72. Incentive systems for safe driving. Future Outlook Seminar, Ministry of Transportation and Communications. Toronto, **Canada**, Oct. 7, 1987.
- 73. Riskantes Verhalten und Risk Management im Jahre 2001. Presented at the Conference "Verkehr 2001: Sicherheitsstrategien für das 3. Jahrtausend", Wien, **Austria**, Oct. 15, 1987.

- Conference organized by the Automobile Journalists' Association of Canada. Toronto Conference Centre, **Canada**, February 13-16, 1990.
- 86. "Psychometric Approaches to the Assessment of Risk-taking Behaviour" Colloquium, Vermont Alcohol Research Center, Burlington, Vermont, **USA**, November 19, 1990.
- 87. "Are you taking too much risk or too little?" New methods for the quantification of risk-taking behaviour". Colloquium, Dept. of Psychology, Ruhr University, Bochum, **Germany**, December 12, 1990.
- 88. "New Approaches toward the Quantitative Assessment of Individual Differences in Risk Taking". Colloquium presented at the Defence and Civil Institute for Environmental Medicine (DCIEM), Toronto, Ontario, Canada, January 8, 1991.
- 89. "L'homéostasie du risque et les influences psycho-économiques sur le taux d'accidents". Colloquium presented at the Dept. of Administrative Science at the Université du Québec à Montréal, **Canada**, March 4, 1991.
- 90. "Are you taking too much risk or too little, and how can you tell?" Presented to the Department of Psychology, University of Michigan, Ann Arbor, **USA**, March 23, 1992.
- 91. "Neem je te veel of te weinig risico, en hoe kan je dat weten? Presented to the Department of Psychology, University of Groningen, **the Netherlands**, April 9, 1992.
- 92. (with P.C. Burns) "Risk taking in male drivers: Interrelations between laboratory measures, observational data and driver records". Presented at the Annual Conference of Grant Holders, Coordinator of Highway Safety Research Grant Program, Ministry of Transport, Toronto, Ontario, Canada, May 13, 1992.
- 93. "Are you taking too much risk or too little, and how can you tell? Presented at the Institute of Psychology, Westfälische Wilhelms-Universität, Münster, Germany, June 16, 1992.
- 94. "Are there too many accidents? Laboratory studies of risk optimization." Presented at "Human Factors Festival", University of Michigan, Ann Arbor, **USA**, March 14-16, 1994.
- 95. "Improving trucking safety and profitability by safety incentive plans." Invited paper presented at Research and Development meeting, Transportation Development Centre, Transport Canada, Montreal, Québec, **Canada**, Oct. 27, 1994.
- 96. "Are you taking too much risk or too little, and how can you tell?" Colloquium presented at the Institut für Psychologie, University of Berne, **Switzerland**, Feb. 9, 1995.
- 97. "Improving industrial safety through safety incentive plans." Invited paper presented at the Experten-Kongress Arbeitssicherheit: Neue Grundlagen für die Praxis Risiko und Motivation. Bundesanstalt für Arbeitsschutz, Dortmund, Germany, March 9, 1995.
- 98. "Risk homeostasis and accident prevention." Invited paper presented at the Annual Meeting of the Swiss Association for Traffic Psychology, Berne, **Switzerland**, March 15, 1995.
- 99. "Economic factors in accident causation." Invited paper presented to the Bureau suisse de prévention des accidents, Berne, **Switzerland**, March 22, 1995.
- 100. "Acceptatie van risico's: maatregelen die wel en die geen effect zullen hebben op

- Engineering 495, Queen's University, Kingston, Ontario, Canada, March 17, 1997.
- 113. "Risk homeostasis", presented at the Conference on Statistics, Science and Public Policy, Queen's University, Kingston, Ontario, Canada, April 23-25, 1997.114. "Risk homeostasis" Invited paper at the CRBOH (Canadian Registration Board of
- 114. "Risk homeostasis" Invited paper at the CRBOH (Canadian Registration Board of Occupational Hygienists) Annual Meeting, Queen's University, Canada, June 6, 1997.
- 115. "The art of influencing risk-relevant behaviour," paper presented at the 4<sup>th</sup> Eureko Risk Management Seminar, Stockholm, **Sweden**, Sept. 26, 1977.
- 116. "Risk Homeostasis", Opening address presented at the Wilderness Risk Managers Conference, Snowbird, Salt Lake City, Utah, USA, Oct. 12-14, 1997.
- 117. "Driver training Why don't we get the results we are looking for?" (with Lawrence P. Lonero), keynote speech, 1997 National Driver Education and Awareness Conference, Wellington, **New Zealand**, Nov. 6-7, 1997.
- 118. "Influencing driver behaviour," (with Lawrence P. Lonero), keynote speech, 1997 National Driver Education and Awareness Conference, Wellington, **New Zealand**, Nov. 6-7, 1997.
- 119. "Risk homeostasis theory: An overview," guest lecture in graduate course in Political Science (Dr. B. Berman), Queen's University, Kingston, Ontario, Canada, Nov. 26, 1997.
- 120. "Mesures incitatives à la sécurité." ("Safety Incentives"). (Avec/with J. Bergeron); Rapport présenté au Séminaire de l,OCDE sur la formation et l,évaluation des conducteurs de véhicules lourds, Québec, 19-21 octobre 1997. (International Seminar on Truck Driver Training and Evaluation, The Organisation for Economic Cooperation and Development, Québec, Oct.19-21, 1997, **Canada.**
- 121. "Risk homeostasis", Guest lecture in Occupational Health and Safety and the Environment (Mining Engineering 462), Queen's University, Kingston, Ontario, Canada, Feb. 3, 1998.
- 122. "Risk Homeostasis Theory: Implications for Safety and Health." Colloquium presented to the Department of Environmental Medicine, Clinical Sciences Building, University of Alberta, Edmonton, **Canada**, Feb. 6, 1998.
- 123. "De invloed van beloningssystemen en de verwachte waarde van de toekomst op veiligheid en volksgezondheid." (The influence of incentive systems and the expected value of the future on safety and public health). Department of Psychology, University of Groningen, the Netherlands, May 25, 1998.124. "Teoria de la homeostasis del riesgo," invited paper,presented at XXXIV Congreso
- 124. "Teoria de la homeostasis del riesgo," invited paper,presented at XXXIV Congreso Nacional de Seguridad, World Trade Centre, Mexico City, **Mexico**, Nov. 9-13, 1998 (summarized in *Memoria*, pp. 267-289, translation by Ing. Daniel Ramírez). 027 Tw[(i TD0i0012

- Penticton, British Columbia, Canada, May 5-7, 1999.
- 128. "Risk homeostasis theory: Practical implications for accident prevention," seminar presented at the Department of civil Engineering, University of Lund, **Sweden**, Sept. 9, 1999.
- 129. "Risk homeostasis theory: Basic concepts and implications." Workshop presented at the Senior Nuclear Plant Management Program, Leadership & Management Training Department, Ontario Power Generation, Briars Inn, Town of Georgina, Ontario, **Canada**, Sept. 29, 1999.
- 130. "Risk homeostasis theory: practical implications for wilderness risk management. Workshop resented at the 1999 Wilderness Risk Management Conference, Sierra Vista, Arizona, **USA**, October, 14-16, 1999.
- 131. "Risk homeostasis: Basic concepts and supporting data," paper presented at the 4<sup>th</sup> Brazilian Congress and 2<sup>nd</sup> Latin-American congress of Traffic Accidents and Medicine, Rio de Janeiro, **Brazil**, Oct. 27-30, 1999.
- 132. "Risk homeostasis: Promoting safety and positive health habits," paper presented at the 4<sup>th</sup> Brazilian Congress and 2<sup>nd</sup> Latin-American congress of Traffic Accidents and Medicine, Rio de Janeiro, **Brazil**, Oct. 27-30, 1999.
- 133. "Risk homeostasis theory: Recent developments," paper presented at the XXXV Congreso Nacional de Seguridad, World Trade Centre, Mexico City, **Mexico**, Nov. 3-6, 1999.
- 134. "Driver Risk Taking Behaviour, "paper to be presented at the Road Safety Conference sponsored by the Manitoba Safety Council, Winnipeg, Manitoba, Canada, Dec. 1, 1999.
- 135. "Technological Interventions And The Homeostasis of Risk" Guest lecture in Occupational Health and Safety and the Environment (Mining Engineering 462/862), Queens' University, Ontario, **Canada**, 2000.01.18.
- 136. "Government and Insurance Policies for Motivating Young Drivers in their Own Safety," presented at the MAA Young Drivers Seminar, 2000.03.31, Sydney, New South Wales, **Australia**.
- 137. "Risk Homeostasis Theory," colloquium presented in the Department of Psychology, Queensland University of Technology, Brisbane, Queensland, **Australia**, 2000.04.03.
- 138. "Incentive systems for trucking safety." Presented at the roundtable conference organized by the American Trucking Associations, Alexandria, Virginia, August 1, USA.
- 139. "Target Risk, or the Limits to Safety" presented to safety representatives at the Worsley Alumina Refinery plant, Bunbury, **Western Australia**, No. 16, 2000.
- 140. "Target Risk, or the Limits to Safety", "Mass Media Communications for Safety and Health" and "Are you taking too much risk or too little, and how can you tell?", 3 presentations at a Seminar organized by the Industrial Foundation for Accident Prevention (IFAP) and presented at the Burswood Conference Centre, Perth, Western Australia, Nov. 22, 2000.
- 141. "Target Risk, or the Limits to Safety" presentation to the Chamber of Business and Commerce, Perth, **Western Australia**, Nov. 23, 2000.
- 142. "Risk Homeostasis Theory: an Overview" round-table presentation to the SGIO (State Government Insurance Office), Perth, **Western Australia**, Nov. 23, 2000.

- 143. "Are you taking too much risk, or too little, and how can you tell? Colloquium presented to the Department of Psychology, Murdoch University, Perth, **Western Australia**, Nov. 24, 2000.
- 144. "Target Risk, or the Limits to Safety" Organized by the Industrial Foundation for Accident Prevention (IFAP) and presented to the Minerals Council of Australia, Melbourne, Victoria, **Australia**, Nov. 28, 2000.
- 145. "Risk Homeostasis Theory: an Overview" presented to the Traffic Accident

- 157. "Risk Homeostasis Theory; An Introduction" Teleconference organized by Smartrisk Foundation, Nov. 25, 2002, Toronto, Ontario, Canada.
- 158. "Risk acceptance on the job and on the road", invited address to the Pulp and Paper Health and Safety Association, Eastern Brach, Annual Conference, Nov. 27, 2002, Donald Gordon Centre, Kingston, Ontario, Canada.
- 159. "The theory of Risk Homeostasis", invited presentation, Probus, Kingston, Ontario, May 14, 2003, **Canada**.
- 160. "On the psychology of risk taking", invited talk, The Kingston Rotary, Travelodge Hotel, Kingston, Oct. 26, 2005, **Canada**.
- 161. "Risk homeostasis and its implications for effective accident prevention." Invited paper presented at the 2006 Conference of the Organisation for Risk Prevention (ORP2006), Seville, **Spain**, May 1-12
- 162. "Risk Homeostasis and Expectations for the future," invited address at the Wilton Conference, Wiston House, West Sussex, May 26-29, 2007, **Great Britain**.
- 163. "Risk Homeostasis and Expectations for the future," invited address at the 2007 conference of the Organisation for Risk Prevention (ORP2007), Sheraton Conference Centre, Santiago de Chile, Chile, May 9-11, 2007.
- 164. "Risk homeostasis: Why so mam

- XVI PROFESSIONAL SOCIETIES (past or present membership)
  1. The Human Factors Association of Canada/Association canadienne d'ergonomie
- 2. Technical Advisory Council of the International Federation of Pedestrians, the

- 10. National Sience and Engineering Research Council, Ottawa, Canada
- 11. Israel Science Foundation, Jerusalem.
- 12. Fonds de recherche sur la nature et les technologies, Québec.

## XIX PEER REVIEW OF MANUSCRIPTS SUBMITTED TO THE FOLLOWING

### **JOURNALS:**:

- 1. Ergonomics
- 2. Accident Analysis and Prevention
- 3. Disaster Management
- 4. Health Education Quarterly
- 5. Risk Analysis
- 6. Risk Abstracts
- 7. Journal of Studies on Alcohol
- 8. Safety Science (formerly Journal of Occupational Accidents)

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University College London, **England**University of Calgary, Alberta, **Canada**University of Leeds, **England**University of Louvain, **Belgium**University of Technology, Loughboroughy, z

c) Radio appearances:

Australia

**United Kingdom**: BBC Television (London, U.K.), **USA**, CBS New Sunday Morning, recorded 2009.07.14.

## e) Interviews with television stations:

TVS (London, England); Discovery Channel/Channel 4 Documentary (UK) (1997.07.28) TVS ("Living Dangerously", London, England), aired 1999.04.12.

## f) Interviews with radio stations:

BBC Radio, Programme 4 (London, England, June 26, 1996). CBC Ottawa, on railway crossing accidents, 1998.02.13).

g) **Popular articles** written for Dutch and Italian traffic magazines, McGraw-Hill's Encyclopedia of Science and Technology, th