

DON CROSBIE DONDERI

Birth date: February 21, 1937
Birthplace: New York, NY

Citizenship: US, Canadian
Languages: English, French

5719 Cote St-Antoine
Montreal, Quebec, Canada
H4A 1R8

phone: 514 486 3631
mobile: 514 943 3631
dcdonderi@sympatico.ca

EDUCATION

Ph.D. Experimental Psychology, Cornell University	1958-63
B.Sc. Biopsychology, University of Chicago	1955-58
Ford Foundation Scholar	1955-56
University Scholar	1956-57
B.A. Liberal arts, University of Chicago	1955
Ford Foundation Early Entrance Scholar	1952-55

ACADEMIC AND PROFESSIONAL APPOINTMENTS

McGill School of Continuing Studies: McGill Community for Lifelong Learning, Moderator, <i>UFOs: History and Reality</i>	2016-19
Human Factors North, Inc; Co-founder and Principal Consultant	1982-present
McGill University Department of Psychology	1962- 2009
Associate Professor	1968- 2009
Assistant Professor	1963-1968
Lecturer	1962-1963
Pulp and Paper Research Institute of Canada	
Consultant	1978-1993
Faculty Associate	1993- 2004
McGill University Faculty of Graduate Studies and Research. Associate Dean (Fellowships)	1975-78

IBM Federal Systems Division, Owego, N.Y.: Human Factors Psychologist	1959-62
Summers	1959-62
Part-time	1961-62

PROFESSIONAL, EDITORIAL AND COMMUNITY SERVICE

Alliance Quebec. Chairman, Nominations and Rules Committee	2002-05
MAUT (McGill Association of University Teachers) faculty grievance adviser	1999
F.C.A.R. (Quebec) Cooperative Research Fund: Ministry of Transport – Auto Insurance Agency Scientific Evaluation Committee	1999
CIT-CAN Foundation, President	1995-
Special Committee for Canadian Unity: Member, consultative committee	1995
F.C.A.R. (Quebec) New Researchers Evaluation Committee: Social Sciences	1994-97
Equality Party of Quebec: Election strategy committee	1998
Candidate, provincial election	2003
Candidate, provincial election	1998
Candidate, federal election	1993
Vice-President	1993-96
Website manager	1999-03
Human Factors Association of Canada. Program Committee, 1987 Convention.	1986-87
Fonds F.C.A.C. (Quebec Graduate Fellowships). Evaluation Committee, Psychology.	1983-84 1988-90
Forward House (Psychiatric social agency). Member, Board of Directors	1978-82
Executive Secretary	1982-85
Sigma Xi, The Scientific Research Society, McGill Chapter. Member of Council	1974-83
Vice-President	1978-79
President	1979-80

CONTRIBUTIONS TO ACADEMIC GOVERNANCE

McGill Faculty of Science, Committee on Student Standing	1988-94
McGill Faculty of Science, Committee for the Leo Yaffe Award for Superior Teaching	
Member	1986-87
Chairman	1987-89
McGill Faculty of Science Fellowships Committee	1983-84 1988-94
McGill Senate Appeals Committee to the Committee on Student Discipline.	1982-89
McGill Senate Ad Hoc Committee on the Role of Legal Assessors on Senate Committees. Convener.	1982-83
McGill Senate Elected representative, Faculty of Science	1979-82
McGill University Scholarships Committee	1975-78
McGill University Curriculum Review Commission	1968-70

AWARD

American Institutes for Research Creative Talent Award	1970-71
Commendation for directing the First-Prize Thesis of Norva K. Hepler entitled "Motion-Contingent Color Aftereffects: A Lasting Modification of Perception."	

PROFESSIONAL ASSOCIATIONS

Association for Psychological Science (US)

Association of Canadian Ergonomists

Human Factors and Ergonomics Society (US)

Sigma Xi, the Scientific Research Society

The Society for Scientific Exploration (US)

PUBLICATIONS: BOOKS AND CHAPTERS

- Donderi, D. C. (2022) *Truth, Lies and ETs: How we Stumbled into the Universe*. Abbreville, SC: Moonshine Cove Press
- Donderi, D.C. (2013) *UFOs, ETs and alien abductions: A scientist looks at the evidence*. Newburyport, MA: Hampton Roads Books
- Donderi, D. C., Niall, K. K., Fish, K. & Goldstein, B. (2010). Effects of screen resolution and training variation on a simulated flight control task. Chapter 14 in Niall, K. K. (ed). *Vision and displays for military and security applications*. New York: Springer
- Donderi, D. C. ed. (2005). *Psychology: The science of mind and behavior, 2nd ed*. Dubuque, Iowa: Kendall Hunt (First edition, Kendall Hunt, 2001).
- Donderi, D. C. (2000). Science, law and war: Alternative frameworks for the UFO evidence. Chapter 3 in Jacobs, D. M., ed, *UFOs and abductions: challenging the borders of science*. Lawrence, KS: University Press of Kansas, pp 56-81.
- Hebb, D. O. and Donderi, D. C. (1994). *Textbook of psychology, 4th ed revised*. Dubuque, Iowa: Kendall Hunt (4th edition, Erlbaum, 1987).

PUBLICATIONS: REFEREED SCIENTIFIC JOURNALS

- Donderi, D. C. (2014). Three New England abduction stories and one new reality. *Journal of scientific exploration*, 28(2), 361 – 372.
- Davis, T., Donderi, D. C. & Hopkins, B. (2013) The UFO abduction syndrome. *Journal of scientific exploration*, 27(1), 21-38.
- Donderi, D. C., Niall, K. K., Fish, K. & Goldstein, B. (2012) Above real-time training improves transfer to a simulated flight control task. *Human Factors*, 54(3), 469 – 479. DOI 10.1177/0018720812439711.
- Solomonova, E., Nielsen, T., Stenstrom, P., Simard, V., Frantova, E. & Donderi, D. C. (2008) Sensed presence as a correlate of sleep paralysis distress, social anxiety and waking state social imagery. *Consciousness and Cognition*, 17(1), 49 - 63.
- Donderi, D. C. (2006). The simple arithmetic of tenure. *Behavioral and Brain Sciences*, 2006, 29(6), 573-574.
- Zadra, A., Pilon, M. & Donderi, D. C. (2006). Variety and intensity of emotion in nightmares and bad dreams. *Journal of Nervous and Mental Disease*, 194(4), 249 – 254.
- Donderi, D. C. (2006). An Information Theory Analysis of Visual Complexity and Dissimilarity. *Perception*, 35, 823 – 835.

- Donderi, D. C. (2006). Visual complexity: A review. *Psychological Bulletin*, 132, 1, 73 - 97
- Donderi, D. C. & McFadden, S. (2005) Compressed file length predicts search time and errors on visual displays. *Displays*, 26, 71-78.
- Donderi, D. C. & McFadden, S. (2004). A single marine overlay is more efficient than separate chart and radar displays. *Displays*, 24 (4-5) 147-155.
- Donderi, D. C., Mercer, R., Hong, M. B. & Skinner, D. (2004). Simulated navigation performance with marine electronic chart and information display systems (ECDIS). *Journal of Navigation*, 57 (2), 189 – 202.
- Donderi, D. C., Jordan, B., Aspler, J. A. & O'Neill, M. (2003). The subjective print quality of commercial heat set offset prints on lightweight coated paper. *Pulp and Paper Canada*, 104(9), 35 - 38
- Lambert, B. L., Donderi, D. & Senders, J. W. (2002). Similarity of drug names: Comparison of objective and subjective measures. *Psychology and Marketing*, 19 (7-8): 641-661
- Turner, P., Boudewijnse, G-J & Donderi, D. C. (2001). Process control problems in the pulp and paper industry. *Pulp and Paper Canada*, 102(6), T147-148
- Donderi, D. C. & Aspler, J. (2000). Proscale: a fast new way to measure subjective print quality. *Pulp and Paper Canada*, 101(5), T136-138
- Zadra, A. L. & Donderi, D. C. (2000). Threat perception and avoidance in recurrent dreams. *Behavioral and Brain Science*, 23, 1017-1018
- Zadra, A. L. & Donderi, D. C. (2000). Nightmares and bad dreams: their prevalence and relationship to well-being. *Journal of Abnormal Psychology*, 109(2), 273-281.
- Zadra, A. L., Nielsen, T. A., Germain, A., Lavigne, G. & Donderi, D. C. (1998). The nature and prevalence of pain in dreams. *Pain Research and Management*, 3(3), 155-161.
- Zadra, A. L., Nielsen, T. A. & Donderi, D. C. (1998) Prevalence of auditory, olfactory and gustatory experiences in home dreams. *Perceptual and Motor Skills*, 87, 819-816.
- Zadra, A. L., O'Brien, S. A. & Donderi, D. C. (1998) Dream content, dream recurrence and well-being: A replication with a younger sample. *Imagination, Cognition and Personality*, 17(4), 293-311.
- Donderi, D. C. (1997) A multidimensional scaling program for distinctiveness and similarity based on stimulus classification and information measurement. *Behavior research methods, instruments and computers*, 29(4), 549-555.
- Donderi, D. C. (1994) Visual acuity, color vision, and search performance at sea. *Human Factors*, 36(1), 129-144.

- Donderi, D. C. & Aspler, J. A. (1994) Correlates of preference and similarity in 45 printed samples from nine newsprint machines. *Nordic Pulp and Paper Journal*, 2, 88-93.
- Zadra, A. L., Donderi, D. C. & Pihl, R. O. (1992) Efficacy of lucid dream induction for lucid and non-lucid dreamers. *Dreaming*, 2, 85-97.
- Donderi, D. C. (1990) Response-contingent variation in visual recall: evidence of a dynamic memory trace. *Canadian Journal of Psychology*, 44(4), 423-434.
- Donderi, D. C. (1988) Information measurement of distinctiveness and similarity. *Perception and Psychophysics*, 40, 76-584.
- Cornwall, A. & Donderi, D.C. (1988) The effect of experimentally induced anxiety on the experience of pressure pain. *Pain*, 35, 105-113.
- Donderi, D. C. (1987) Orthodoxy and excommunication in science. *Behavioral and Brain Sciences*, 10(4), 582-583.
- Cann, D. R. and Donderi, D. C. (1986) Jungian personality typology and the recall of everyday and archetypal dreams. *Journal of Personality and Social Psychology*, 50, 1021-1030.
- Brown, R. J. and Donderi, D. C. (1986) Dream content and self-reported well-being among recurrent dreamers, past recurrent dreamers and non-recurrent dreamers. *Journal of Personality and Social Psychology*, 50, 612-623.
- Donderi, D. C., Jolicoeur, P., Berg, I., and Grimes, R. (1985) A color contingent prism displacement aftereffect. *Perception*, 14, 691-709.
- Donderi, D. C. (1985) Acquisition and decision during target search of visual letter displays. *Perception and Psychophysics*, 37, 345-354.
- Staal, Helen E. and Donderi, D. C. (1983) The effect of sound on visual apparent movement. *American Journal of Psychology*, 96, 95-105.
- Donderi, D. C. and Murphy, S. B. (1983) Predicting activity and satisfaction following cataract surgery. *Journal of Behavioral Medicine*, 6, 313-328.
- Donderi, D. C. (1983) Acquisition and decision in a visual same-different task with letter displays. *Perception and Psychophysics*, 33, 271-282.
- Murphy, S. B. and Donderi, D. C. (1980) Predicting the success of cataract surgery. *Journal of Behavioral Medicine*, 3, 1-14.
- Donderi, D. C. (1979) The effect of conscious and unconscious attitudes about UFO evidence on scientific acceptance of the extraterrestrial hypothesis. *Journal of UFO Studies*, 1, 35-40.

- Eisenberg, H. E. and Donderi, D. C. (1979) Telepathic transfer of emotional information in humans. *Journal of Psychology*, 103, 19-43.
- Donderi, D.C. (1973) Changes in visual recall memory following discrimination learning. *Canadian Journal of Psychology*, 27, 210-219.
- Albert, R. and Donderi, D. C. (1973) Analysis of a stroboscopic illusion of motion. *Perception*, 2, 197-210.
- Skanes, G. and Donderi, D. C. (1973) Stimulus set, response set, and word identification. *Journal of Experimental Psychology*, 99, 413-423.
- Donderi, D. C., Seal, S. and Covit, L. (1973) Association learning and visual discrimination. *Perception and Psychophysics*, 14, 394-400.
- Baba, Y. and Donderi, D. C. (1972) Recall of successive brief percepts. *Canadian Journal of Psychology*, 26, 326-335.
- Donderi, D. C. and Miller, B. (1972) Luminous targets: Visibility fluctuations modified by similar verbal responses. *Perception and Psychophysics*, 11, 299-300.
- Donderi, D. C., Case, B., Rosoff, L., and Willis, J. (1970) Change in visual memory following discrimination learning. *Canadian Journal of Psychology*, 24, 401-416.
- Donderi, D. C. and Case, B. (1970) Parallel visual processing: Constant same-different decision latency with two to fourteen shapes. *Perception and Psychophysics*, 8, 373-375.
- Donderi, D. C. and Zellicker, D. (1969) Parallel processing in visual same-different decisions. *Perception and Psychophysics*, 5, 197-200.
- Bindra, D., Donderi, D. C. and Nishisato, S. (1968) Decision latencies of "same" and "different" judgments: Implications for a functional model of decision making. *Perception and Psychophysics*, 3, 121-130.
- Donderi, D. C. (1967) Information measurement of single multidimensional stimuli. *Canadian Journal of Psychology*, 21, 93-110.
- Donderi, D. C. (1966) Visual disappearances caused by form similarity. *Science*, 152, 99-100.
- Donderi, D. C. and Kane, E. (1965) Perceptual learning produced by common responses to different stimuli. *Canadian Journal of Psychology*, 19, 15-30.

PUBLICATIONS: REFEREED CONFERENCE PROCEEDINGS PUBLISHED IN FULL

- Donderi, D. C. and Marden, K. (2018) The American Personality Inventory. *Mutual UFO Network Symposium*, Cherry Hill, NJ, 112 – 122.

- Donderi, D. C. (2013) The UFO and Abduction Evidence Should Reorient Science and Change Public Policy. *Mutual UFO Network Symposium*, Las Vegas, NV, 144 – 158.
- Donderi, D. C. (2011) A latent error in a traffic signal system. *Association of Canadian Ergonomists*, London, ON, October 19.
- Donderi, D. C. (chair), Appelle, S., Clancy, S., Hopkins, B. & Pitman, R. (2010). Alien abductions: Normal science or revolutionary science? *Association for Psychological Science*, Boston, MA, May 30 (symposium).
- Donderi, D. C. (chair), Appelle, S., McNally, R., Newman, L (2008). The abduction experience: false memory or more? *Association for Psychological Science*, Chicago, IL, May 28 (symposium).
- Smiley, A., Smahel, T. & Donderi, D. C. (2007) On-road and laboratory evaluation of bilingual variable message signs. *International conference on road safety and simulation*, Rome, Italy, November 7, 2007.
- Donderi, D. C. & Katz, D. (2007). Semantic and structural information independently influence search efficiency on alphabetic displays. *Association of Canadian Ergonomists*, Toronto, Ontario, October 17, 2007.
- Henderson, S. & Donderi, D. C. (2005). Peripheral motion contrast sensitivity and older drivers' detection failure and accident risk. *Proceedings of the Third International Driving Symposium on Human Factors in Driver Assessment, Training and Vehicle Design*, Rockport, ME
- Dunk, W., Kawaja, K & Donderi, D. C. (2002). Design, development and testing of an accident report form and resource guidebook. *Proceeding of the XVI Annual International Occupational Ergonomics and Safety Conference 2002*.
- Donderi, D. C. & McFadden, S. (2001). The use of electronic charts and radar in marine navigation. *Joint Conference of the Association of Canadian Ergonomists and the Société d'ergonomie de langue française*, Montreal (CD-ROM publication), October 2001.
- Lindberg, S., Donderi, D. C. & Pauler, N. (2001) Image quality of four digital printing methods compared to offset and flexographic printing. In Bristow, J. A. (Ed.), *Advances in Color Reproduction: Proceedings of the 28th research conference of the international association of research institutes for the printing, information and communication industries*. GATF, Pittsburg, PA.
- McFadden, Sharon M. & Donderi, D. C. (2000) Human-machine interface considerations for inclusion of an electronic map in a mission system. *NATO Research and Technology Organization symposium on advanced mission management and system integration technologies for improved tactical operations*. RTO-MP-46, pp 17.1-17.8, Brussels, Belgium.
- Donderi, D. C. & McFadden, S. (1999) Performance measurement of combined versus separate radar and electronic chart displays. *19th International Cartographic Conference*, International Cartographic Association, Ottawa

- Donderi, D. C. (1994) Visual acuity, color vision, and search performance at sea. *Proceedings, 12th Triennial Conference of the International Ergonomics Association*, Toronto.
- Donderi, D. C. & Ostry, D. J. (1992) Translaid: task analysis and design recommendations. *Proceedings, Canadian Conference on Electrical and Computer Engineering, Toronto, Ontario*, TA9-2.20.1-TA9-2.20.4
- Ostry, D. J. & Donderi, D. C. (1992) Human factors of information presentation in computer-based training. *Proceedings, Canadian Conference on Electrical and Computer Engineering, Toronto, Ontario*, TA9-2.22.1-TA9-2.22.4
- Ranson, D. C. & Donderi, D. C. (1991) Secondary task information transmission: a performance operating characteristic measure of primary task difficulty. *Proceedings, Human Factors Association of Canada 24th Annual Meeting*, 127-133
- Donderi, D. C. & Ostry, D. J. (1991) Ergonomic considerations in Arctic marine navigation. *Proceedings of the Second Seminar in Transportation Ergonomics. Transportation Development Centre, Transport Canada, TP 8855*, 37-41.
- Donderi, D. C., Ostry, D. J., Smiley, A., Munhall, K. and Flanagan, J. R. (1990) Task analysis and redesign of the Canadian Rescue Coordination Centres. *Human Factors Association of Canada, Proceedings*, 93-98.
- Raby, M., Donderi, D. C. & Svoboda, J. (1989). A visual display improves simulated instrument flight rules (IFR) procedures training. *Human Factors Association of Canada, Proceedings*, 267-270.
- Raby, M. & Donderi, D. C. (1987). The relationship between risk-taking and flight judgment in private pilot trainees. *Human Factors Association of Canada, Proceedings*, 35-37.
- Donderi, D. C., Ostry, D. J. and Heron, R. (1986). The task structure of piloting a ship in ice. *Proceedings of the 19th Annual Convention of the Human Factors Association of Canada*, 71-74.
- Lyne, M. B., Richer, F., Parush, A., Donderi, D. C. and Ramsay, J. O. (1981) A multidimensional analysis of paper-related factors in the subjective evaluation of print quality. *Seventh Fundamental Research Symposium, British Paper and Board Industry Federation*.

TECHNICAL REPORTS

- Cassano-Piché, A. & Donderi, D. C. (2021). Human Factors Assessment of Existing Control. MDA, Gateway External Robotics System, Phase 0. Report to Perry Newhook, MDA Corporation, Brampton, ON, Canada
- Cassano-Piché, A. & Donderi, D. C. (2020). Human Factors Engineering Program Plan (HFEPP): MDA, Gateway External Robotics System (GERS), Phase 0. Report to Perry Newhook, MDA Corporation, Brampton, ON, Canada

- Donderi, D. C., Smith, S., Kawaja, K. & Smahel, T (2011). Human factors engineering program plan (HFEPP), verification plan and preliminary validation plan: AECL Chalk River Laboratories – Light Water Detritiation Facility, Building 215. Report to Barrie Wallace, Tyne Engineering, Oakville, Canada.
- Donderi, D. C., Smith, S., Kawaja, K., Smahel, T. & Lallani, R (2012) *Preliminary HFE summary report: AECL Chalk River Laboratories light water detritiation facility, Building 216*. Report to Barrie M. Wallace, Project Manager, LWDF. Tyne Engineering, Oakville, ON.
- Donderi, D. C. (2009). *RFID technology to improve track-level worker safety on the Toronto Transit Commission (TTC) subway system*. Report to Mark Willer, Bombardier Transportation, Mississauga, ON.
- Donderi, D. C. & Smahel, T. (2007). *The Yonge-University subway ATC speed control display should look just like the AWS speed control display until routine AWS operation is ended*. Report to the Toronto Transit Commission, November 29.
- Donderi, D. C. (2007). *Wayside signals should show an illuminated sign or a flashing green when a Yonge-University subway train is operating under automatic train control*. Report to the Toronto Transit Commission, October 16.
- Smiley, A., Smahel, T. & Donderi, D. C. (2006) *The effects of cellular phone use on novice and experienced driver performance Part 2: On-road study*. Prepared for the Insurance Bureau of Canada.
- Smiley, A., Donderi, D. C. & Davis, D. (2004). *Definition of monitoring on a G2 road test*. Report to the Ministry of Transportation, Ontario.
- Donderi, D. C. (2003). *A complexity measure for electronic displays: Final report on the experiments*. Report to Defence Research and Development – Toronto, No. DCIEM CR 2003-46
- Donderi, D. C. (2003) *Visual complexity: A review*. Report to Defence Research and Development – Toronto. DCIEM CR 2003-047.
- Donderi, D. C. & Dunk, W. *Ergonomic design including suggested modifications for the train operator display*. Report to Alan Atad, Alcatel Canada Inc., Toronto, ON, August 2002
- Donderi, D. C. *Visual exception processing at 407 ETR*. Report to Karen Campbell, 407ETR, April 2002.
- Donderi, D. C., Jordan, B., Aspler, J. & O'Neill, M. *The subjective print quality of commercial heat set offset prints on lightweight coated paper*. Pulp and Paper Research Institute of Canada, Pulp and Paper Report (PPR 1551), June 2001
- Donderi, D. C. (1999). *An experimental study of marine radar and electronic chart integration*. Report to the Defence and Civil Institute of Environmental Medicine, Downsview, Ontario.

- Donderi, D. C. (1999) *Sorting and shelving in the Webster Library*. Report to the Concordia University Webster Library Administration, Montreal.
- Donderi, D. C., Plant, D. & Ayliffe, M. (1998) *Human factors analysis of the proximity detector in the Nortel Model 922 portable telephone*. Report to Northern Telecom
- Donderi, D. C. (1997). *A multidimensional scaling program for distinctiveness and similarity based on stimulus classification and information measurement*. Pulp and Paper Research Institute of Canada, Postgraduate Laboratory Research Report PGRL 672
- Doutre, D., Heintze, H. U. & Donderi, D. C. (1997) *Domtar Windsor offset benchmark trial: Spring 1997*. Domtar Inc., Cornwall, ON
- Dillon Consulting (1997) *Review of the MUTCD and the KHGSPM (The Ontario Traffic Manual)*. Report to the Ministry of Transportation, Ontario (with 11 co-authors)
- Smiley, A., Donderi, D., Duffy, A., Kawaja, K. & Dunk, W. (1996). *Ergobreak usability study*. Report to Vanity Software Publishing Corporation, Toronto.
- Donderi, D.C., Duffy, A. & Dunk, W. (1996) *Poultry ergonomics study*. Report to Agriculture and Agri-Foods Canada.
- Donderi, D.C. (1996) *"Hands off" inspection at a poultry plant in Quebec*. Report to Agriculture and Agri-Foods Canada.
- Donderi, D. C., Ostry, D. J., Smiley, A. & Moray, N. (1996). *Assessment of Psychological Capacity Requirements*. Report to Atomic Energy Control Board, Ottawa.
- Donderi, D. C., Smiley, A., Ostry, D. J. & Moray, N. P. *Independent verification in operations at nuclear power plants*. Ottawa, Atomic Energy Control Board Report INFO-0592-1
- Kawaja, K. M. & Donderi, D. C. (1995) *Ergonomic evaluation of the slitting and doctoring areas*. Report to Tetra Pak, Aurora, Ontario.
- Donderi, D. C., Smiley, A. & Kawaja, K. (1995) *Shift schedule comparison for the Canadian Coast Guard*. Montreal: Transportation Development Centre, Report TP12438E.
- Donderi, D. C. & Kawaja, K. M. (1995) *Human factors/ergonomics analysis of the UNITEL customer care system: screen designs and screen sequences*. Report to Kay Richards, UNITEL Inc., Toronto, Ontario.
- Donderi, D. C., Kawaja, K. M., Smiley, A., Henderson, A. S. & Zadra, A. (1994) *Vision and work at sea: The relationship between visual acuity and colour vision and performance on deck, engineering and logistics tasks of the Canadian Coast Guard*. Transportation Development Centre, Transport Canada, Report TP11841E.

- Donderi, D. C. & Deveau, T. (1994) ERASMUS: Establishment roster and simulation system. Report, Department of Naval Architecture and Specialty Engineering, Canadian Navy.
- Ostry, D. J., Smiley, A. & Donderi, D. C. (1993) *Constant wear life jackets: pilot comfort and mobility*. Report to Transportation Development Centre, Transport Canada, Montreal.
- Donderi, D.C. & Aspler, J. S. (1993) *Correlates of preference and similarity in 45 printing samples from nine newsprint machines*. Post-Graduate Research Laboratory Reports, Pulp and Paper Research Institute of Canada, PGRL 539.
- Donderi, D. C., Smiley, A., & Ostry, D. J. (1993) *Human performance monitoring in nuclear power plants*. Report to Atomic Energy Control Board, Ottawa, Canada.
- Ostry, D. J., Donderi, D. C., Munhall, K. G., & Sergio, L. E. (1992) *Ergonomic evaluation of the instrument landing system monitor controller training package*. Report to Transportation Development Centre, Transport Canada, Montreal.
- Ostry, D. J., Donderi, D. C., Munhall, K. G. & Sergio, L. E. (1992) *Ergonomic evaluation of the instrument landing system flight check training package*. Report to Transportation Development Centre, Transport Canada, Montreal.
- Smiley, A., Donderi, D. C. & Rochford, S. L. (1991) *Shiftwork and watchkeeping*. Report to the Department of National Defence, Ottawa.
- Donderi, D. C. and Smiley, A. (1990). *The human factor in tanker safety*. Report to the Public Review Panel on Tanker Safety and Marine Spills Response Capability, Government of Canada.
- Donderi, D. C. (1990) *Graphics user interface design*. Report to Sypher: Muller International, Ottawa.
- Donderi, D. C. (1990) *Individual differences in visual search performance during the October 1990 Canso Bank search and rescue exercise*. Report to NORDCO Ltd., St. John's, Nfld.
- Donderi, D. C. and Deveau, T. (1989) *Manual compensatory tracking program: user's guide*. McGill University Dept. of Psychology.
- Donderi, D. C., Ostry, D. J., Smiley, A., Munhall, K. G. and Flanagan, J. R. (1989) *Ergonomic analysis of the rescue coordination centres and marine rescue sub-centres*. Report to Canadian Coast Guard.
- Donderi, D. C. (1988) *Wheelhouse design for the Canadian Coast Guard Type 600 search and rescue vessel*. Report to Canadian Coast Guard.
- Donderi, D. C. (1988) *Bridge layout review and engineering for the Type 500 intermediate search and rescue cutter*. Report to Canadian Coast Guard.
- Donderi, D. C. (1987). *Evaluation of ten telecommunications devices for the deaf (TDDs)*. Report to Bell-Northern Research Laboratory, Kanata, Ontario.

- Donderi, D. C., Ostry, D. J., Baker, P. M. and Smiley, A. (1987) *Workload analysis of SAREX Mary Hichens*. Report to Canadian Coast Guard.
- Donderi, D. C. (1987) *A simplified method of obtaining preference ratings for a large number of stimuli*. Report to Pulp and Paper Research Institute of Canada.
- Donderi, D. C. and Ostry, D. J. (1986) *Arctic navigation task analysis: Database and modelling*. Report to Transportation Development Centre, Transport Canada, No. TP 7247E.
- Ostry, D. J., Lowings, M. J. and Donderi, D. C. (1986) *Arctic Task Analysis and Navigability Study*. Montreal, Transportation Development Centre, Transport Canada, TP7540E.
- Donderi D. C. and Ostry, D. J. (1985) *Ergonomic and research applications in the development of an arctic shiphhandling simulator: Final report, Volume I*. Montreal, Transportation Development Centre, Transport Canada, TP 5623E.
- Ostry, D. J., Donderi, D. C., and Frenkel, O. J. (1985) *Ergonomic and research applications in the development of an arctic shiphhandling simulator: Final report, Volume II*. Montreal, Transportation Development Centre, Transport Canada, TP 5623E.
- Lyne, M. B., Whiteman, A. & Donderi, D. C. (1982) *Multidimensional scaling of tissue quality*. Pulp and Paper Research Institute of Canada, Report PPR 385.
- Donderi, D. C. (1974) *General science education: A report to Operation Sciences Fondamentales of the Department of Education, Government of Quebec*. McGill University.
- Donderi, D. C. (1963) *Information measurement as a description of visual similarity*. Ph.D. thesis, Cornell University.
- Donderi, D. C. (1962) *Preliminary experiment: Image quality study*. IBM Federal Systems Division, Owego, N.Y., Report No. 61-535-14.
- Donderi, D. C. (1961) *Theory and research on the prediction of visual performance on random dot patterns by information measurement*. IBM Federal Systems Division, Owego, N.Y., Report No. 61-535-15.
- Donderi, D. C. (1960). *The relationship between "average value" information functions and performance on a visual pattern recognition task*. IBM Federal Systems Division, Owego, N.Y., Report No. 60-535-8.
- Donderi, D. C. (1960). *A component information measure for radar simulating patterns*. IBM Federal Systems Division, Owego, N.Y., Report No. 60-535-7.

PATENTS AND DESIGN COPYRIGHTS

Donderi, D. C. Device for Pushing Broken Ice Ahead of a Ship or the Like. Canadian Patent No. 1,275,202, October 1990

Donderi, D. C. Design for a marine integrated piloting display. Canadian copyright No. 278348, December 1987.

HUMAN FACTORS / ERGONOMICS DESIGN AND APPLICATIONS PROGRAMMING

PROSCALE 5.0 Multidimensional preference and similarity scaling, with routines for classifying observers, averaging data, and analyzing measurement variables. A Windows application program. July 2001. (Version 5.1 January 2002).

PROCLASS: An observer analysis and classification program for PROSCALE, for the Pulp and Paper Research Institute of Canada, September 1997

PROSORT: An output data averaging program for PROSCALE, for the Pulp and Paper Research Institute of Canada, September 1997

PROSCALE 3.1: A multidimensional scaling program based on stimulus classification and information measurement for the Pulp and Paper Research Institute of Canada, January 1997.

Establishment roster and simulation system (ERASMUS). with T. Deveaux, for the Canadian Navy, DNASE 5, February 1994.

Manning Impact Analysis Calculator (MANIAC), with S. Rochford, for the Canadian Navy, DNASE 5, November 1991

Ergonomic design for a paratransit taxi. GSM Production, Inc. 1989

Rescue coordination centres and marine rescue sub-centres in St. John's, Halifax, Quebec, Trenton, Edmonton and Victoria. Canadian Coast Guard, 1989.

Wheelhouse and accommodation for a fisheries patrol vessel. Peter S. Hatfield Ltd., Vancouver, 1989.

Wheelhouses for Coast Guard Type 500 and Type 600 Search and Rescue Cutters. Canadian Coast Guard, 1988.

Design of an ideal telecommunications device for the deaf (TDD). Bell-Northern Research Ltd, 1987.

Bridge design for the M. V. Arctic (Technical report and design) with D. J. Ostry, 1987.

Installation des Stations d'informatique dans les bureaux de l'alliance des professeurs. (Technical report and designs) with D. J. Ostry and J. Zurko. Alliance des Professeurs de Montreal, 1985.

Expo '67 (1967 Montreal World's Fair), Design Consultant to J. Guillon Inc. for the Man and Life Pavilion (with D. O. Hebb and R. Melzack), 1964-1967.

EXPERT WITNESS REPORTS

Donderi, D. C. and Kawaja, K. (2021). Analysis of Yvon Bertrand's trip-and-fall accident in Niagara Falls, ON. Report to Dylan Cody, Moody Mair Lawyers, Toronto, Ontario

Donderi, D. C. (2021). Report on Daniel Kalic's bicycle collision. Report to Thomas Kimball, Preszler Injury Lawyers, Toronto, Ontario

Donderi, D. C., and Kawaja, K. (2021). Report on the accident to Jan Kalish. Report to Douglas Strelshik, Douglas Strelshik Law, Toronto, Ontario

Donderi, D. C. (2021). Analysis of Ryan Main's collision with a Quik-X tractor-trailer near North Bay, Ontario. Report to Meral Kesebi, Sokoloff Lawyers, Toronto, Ontario

Donderi, D. C. (2021). Report on the accident to Jessica Marie Bowden. Report to Janus Seibrits, MacGillivray Law Office, New Glasgow, Nova Scotia

Donderi, D. C. (2019). A discussion of Stephen Williams' accident at 62 Granada Street, Scarborough, ON. Report to Darcy Romaine, Boland Howe LLP, Aurora, ON

Donderi, D. C. (2019). Allen Martel and Jeffrey Miller could not see the culvert emerging from under the railroad tracks that paralleled the Old Wooler Road. Report to Heidi Louise Bergeron LLB, Kingston, Ontario

Donderi, D. C. (2017) Reading while walking: A literature review. Report to Karen Jensen, Norton Rose Fulbright Canada LLP, Ottawa, Ontario

Donderi, D. C. (2016) There were no warning signs where Lorne Campbell fell off the CN bridge in Unionville, Ontario. Report to Lucy Lee, Cohen Highley Lawyers, January 21, 2016.

Donderi, D. C. (2016) How Leanne Hunt's accident could have been prevented. Report to Setareh Nasseri, Preszler Law Firm LLP, January 14, 2016. *

Donderi, D. C. (2015). An analysis of Wendy Thatcher's trip-and-fall accident at the Direct Energy Centre. Report to David E. Preszler, Preszler Law Firm LLP, Toronto, Ontario

Donderi, D. C. & Kawaja, K. (2015) Opinions on human factors and ergonomics issues: Queen's University at Hartzman. Report to Warren Whiteknight, Bergeron Clifford LLP, August 5, 2015.

Donderi, D. C. (2015) An analysis of Marjorie Sim's trip-and-fall accident. Report to Neal E. Sacks, Howie, Sacks & Henry LLP. May 19, 2015

Donderi, D. C. (2015) Human factors comments on Terri McCarthy's trip and fall. Report to Stephen F.

- Sloan, Flaherty Sloan Hatfield, April 30, 2015.
- Donderi, D. C. (2015) Explaining Carole Dash's fall at St. Martin of Tours Parish in London, Ontario. Report to Christopher J. Price, Foster Townsend Graham & Associates LLP, February 2, 2015.
- Donderi, D. C. (2015) Bryan Fox: Fall in a parking garage. Report to Michael Shannon, Morse Shannon LLP, November 24, 2014
- Donderi, D. C. (2015) Analysis of a vehicle-pedestrian accident in London, Ontario. Report to C. Kirk Boggs, Lerner LLP, November 14, 2014.
- Donderi, D. C. (2014) An analysis of Pamela Anne Thomas' trip-and-fall accident. Report to M. L. Crowson, Braithwaite Boyle, September 9, 2014.
- Donderi, D.C. (2014) Two doors looked alike: One led upstairs, the other to an accident (Accident at 2382 Bayview Avenue, Toronto). Report to Michael Shannon, Morse Shannon LLP, July 23, 2014.
- Donderi, D. C. (2014) Analysis of a vehicle-pedestrian accident on Ansley Grove Road in Vaughan, Ontario. Report to C. Kirk Boggs, Lerner LLP, July 22, 2014
- Donderi, D.C. (2014) The missing stair landing was a trip-and-fall hazard at 121 5th Street in Hanover, Ontario. Report to Rasha El-Tawil, Siskinds LLP, June 25, 2014.
- Donderi, D.C. (2014) Allen Martel and Jeffrey Miller could not see the culvert emerging from under the railroad tracks that paralleled Old Wooler Road. Report to Heidi Louise Bergeron LLP, Kingston, Ontario, February 20, 2014.
- Donderi, D. C. (2014) Report on Justin Houston's diving accident. Report to Adam Little, Oatley Vigmond LLP, July 21, 2014.
- Donderi, D.C. (2014) Report on Brian Broere's diving accident. Report to Kevin L. Ross, Lerner LLP, London, Ontario, March 10, 2014.
- Donderi, D. C. (2014) Manzar Khorshed did not expect to see Mohammed Fallahi approaching against a red light from the left as she was turning right on green. Report to Sukhpal Dial, Stieber Berlach LLP, February 13, 2014.
- Donderi, D. C. (2014) Loya Bhuyan fell from a tree that she should not have been able to climb. Report to Charles Gluckstein, Gluckstein Personal Injury Lawyers, January 27, 2014.
- Donderi, D. C. (2014) An analysis of Elizabeth Daughen's fall at the Syl Apps Arena. Report to J. M. Arthur Lefebvre, Lefebvre and Lefebvre LLP, January 2, 2014.
- Donderi, D. C. (2013) Sandra Shapiro tripped on a visually misleading "flat surface". Report to Johathan Burton, Gluckstein Personal Injury Lawyers, December 12, 2013.

Donderi, D. C. (2013) An analysis of William Haines' ATV accident. Report to Ted Bergeron, Bergeron Clifford LLP, August 14, 2013.

Donderi, D. C. (2012). There was no effective warning about the diving hazard at the Taboo Resort north dock on Lake Muskoka. Report to Troy R. Lehman, Oatley, Vigmond, Barrie, Ontario

Donderi, D. C. (2010). Analysis of David Lucibello's decision to cross Derry Road ahead of an oncoming bus. Report to David A. Zuber, Zuber & Company LLP, Toronto, Ontario.

Donderi, D.C. (2012) An analysis of Karen Hamilton's trip and fall at the Tim-Br Mart hardware store in Westport, Ontario. Report to Chris Clifford, Bergeron Clifford LLP, July 31, 2012.

Donderi, D.C. (2012) There was no effective warning about the diving hazard at the Taboo Resort north dock on Lake Muskoka. Report to Troy R. Lehman, Oatley, Vigmond, Barrie, Ontario

Donderi, D. C. (2011) Report on the accident of Alexander Ziebenhaus . Report to Darcy Romaine, Boland Howe, July 28, 2011

Donderi, D. C. (2011) A latent error in the traffic signal system and cell phone use by Brandy Oulton contributed to the collision between vehicles driven by David Hawkins and Brandy Oulton. Report to Kenneth B. Haluschak, Bryan & Company LLP, March 21, 2011.

Donderi, D. C. (2010) An explanation of why Mireille Mow's car struck Michael Bratty near the corner of Keele Street and Bloor Street in Toronto. Report to Willian J. Teggart, Oatley Vigmond, August 5, 2010.

Donderi, D. C. (2010) Report on Cherly McCorkell's trip and fall in the Upper Canada Village parking lot.
Report to Bryan Laushway, Laushway Law Office, July 14, 2010.

Donderi, D. C. (2010) Report on an accident to Ian Ross at the Bruce Peninsula Mountain Bike AdventurePark. Repot to Steven D. Bezaire, Belle River, ON, June 10, 2010.

Donderi, D. C. (2010) Why Lisa Eagleson could not see Tara Davidson, who was crossing Wentworth Avenue at Glen. Report to Charlena Claxton, Falconer Charney, May 16, 2010.

Donderi, D. C. (2010) Report on a collision between a van and a tractor-trailer on Upper James Street in Hamilton, ON on February 22, 2005. Report to Mary A. Teal, Hughes Amys LLP, Hamilton, ON, June 10, 2010

Donderi, D. C. (2010) The wooden board Alison Surtees ran into at the Kingston Memorial Centre was effectively invisible. Report to Edward V. Bergeron, Bergeron Clifford LLP, May 13, 2010.

Donderi, D.C. (2010) Analysis of David Lucibello's decision to cross Derry Road ahead of an oncoming bus. Report to David A. Zuber, Zuber & Company LLP, Toronto, Ontario.

Donderi, D.C. (2010) Slow dark adaptation kept Bert Osborne from seeing the step and landing where he tripped and fell. Report to Nicole M. Vaillancourt, Rastin & Associates, Midland, ON.

Donderi, D.C. (2009) Warning signs at the Toronto City Archery Range. Report to Robin Squires, BordenLadner Gervais LLP, Toronto, Ontario *

Donderi, D. C. (2009) Report on a vehicle collision on Highway 6 near Hamilton, Ontario. Report to Larry C.Culver, Evans, Philip LLP, October 19, 2009

Donderi, D. C. (2009) Dawn Anderson could not see the sidewalk depression that tripped her. Report to Allen J. Wynperle, Hamilton, ON. July 3, 2009 *

Donderi, D. C. (2009) Jon Kulyk can see. Report to Matt Duffy, Leners LLP, March 19, 2009.

Donderi, D.C. (2009) A warning sign could have kept Joanne Dougherty away from the edge of the ravine. Report to Melvin J. Crowson, Braithwaite Boyle, Calgary, Alberta *

Donderi, D.C. (2009) An audible backup light might have prevented Zachary Barker's accident. Report to Nigel G. Gilby, Leners LLP, London, ON.

Donderi, D. C. (2009) A yellow curb might have prevented Gwen Fox's trip and fall. Report to Steven Rastin, Rastin & Associates, Midland, ON.

Donderi, D.C. (2009) There was no danger warning at the trials area of the Bruce Peninsula Mountain Bike Trail. Report to Andrew C. Murray, Leners LLP, London, ON. *

Donderi, D. C. (2008) Re: Hilz et al v. McFarland et al. Report to Bruce McLeod, Scott Hall LLP, August 2008

Donderi, D. C. (2008) Signage for a public motocross course related to Matthew Crooks' accident. Report to Janus Seibritz, MacGillivray Law Office, New Glasgow, NS, August 2008.

Donderi, D. C. (2008) A wheelchair accident involving Howard Parker. Report to Mark H. Lamber, Fennemore Craig, P.C., Phoenix, AZ, March 2008.

Donderi, D. C. (2008) Ergonomic assessment of stairs at the Fore Seasons Golf Store. Report to Michael Shannon, Cassels Brock & Blackwell, LLP, Toronto, ON.*

Donderi, D. C. (2008) Visual perception analysis of a motor vehicle accident on October 11, 2001, in Oakville, Ontario involving David Lizotte. Report to M. Claire Wilkinson, Martin and Hillyer, Burlington, ON.

Donderi, D. C. (2008). Analysis of an accident involving Theodore Dievert. Report to G. James Goodnow, Fennemore Craig, Phoenix, AZ, February 2008.

Donderi, D. C. (2007). The effect of headlight glare on identifying someone seated in a vehicle. Report to Robert E. Simmonds, Q. C., Simmonds Breen Sullivan, St. John's Nfld. December 4, 2007 *

Donderi, D. C. (2007) Analysis of an accident at Hale and Dundas Streets, London, ON, on June 7, 2002. Report to Ian M. Boundy, Dyer Brown LLP, December 2007.

Donderi, D. C. (2007) Visual perception aspects of Dean Levesque's accident in the Mountjoy Park in Timmins, ON. Report to Andra L. Maxwell-Baker, Lerner LLP, October 2007.

Donderi, D.C. (2007) Visual perception aspects of Marco Thibodeau's motorcycle accident near Grand Falls, New Brunswick. Report to Tracy Murphy, Chubb Insurance Company of Canada.

Donderi, D. C. (2007) Report on an accident to Jessica Posmyk. Report to Rodney D. Dale, Lerner LLP, London, ON

Donderi, D. C. (2006) Analysis of an accident to Dr. Ilse Lange-Mechlen. Report to Michael D. Emery, Simpson Wigle LLP, Burlington, ON, December 2006

Donderi, D. C. (2006). Comments on a road accident at Dawes Road, Toronto, Ontario on January 31, 2001. Report to Joseph V. Deans, Regan Desjardins LLP, Toronto, ON.

Donderi, D. C. (2006) Report on an accident at Trelawney Circle, Meadowville, ON on May 1, 1999. Report to Miles Obradovich, Obradovich Law, Toronto, ON, October 2006

Donderi, D. C. (2006). A decision analysis of the accident to Joseph Brian Johnson. Report to A. Hillier, Hillier & Hillier, Brampton, ON. June 15, 2006.

Donderi, D. C. (2009) Poor stair design contributed to Monica Hill's fall. Report to James Mays, Siskinds LLP, London, ON

Donderi, D. C. (2006). Report on Ryan Lauzon's accident. Report to Robert B. Ledgley, Lerner, LLP, London, ON.

Donderi, D. C. (2006) An analysis of an accident to Corwin Robert Price. Report to Tara D. Pipella, Pipella Warren, Barristers & Solicitors, Calgary, AB. March 2006

Donderi, D.C. (2006) Analysis of a two-car collision in Oxford County, Ontario. Report to Sean R. Macintosh, Legate & Associates, London, ON

Donderi, D. C. (2005) Report on the death of Constable Terry Seecharan. Report to David Payne, Thomson Rogers LLP, Toronto, ON

Donderi, D. C. (2005) Report on an accident to Dr. Rana Barghi (your file No. 2315). Report to Fern Silverman, Goldman Sloan Nash & Haber LLP, Toronto, ON.

Donderi, D. C. (2005) A report on the death of Moira Caswell. Report to Roger G. Oatley, Oatley, Vigmond, November 2005.

Donderi, D. C. (2005) Report on a snowmobile accident at Deerhurst Resort. Report to Jesse T. Glass; Laxton Glass LLP, Toronto, ON. September 7, 2005

Donderi, D. C. (2005) Report on an accident to Randy Beavis. Report to Brennan L. Kahler, Oatley, Vigmond, June 2005

Donderi, D. C. (2004) Report on the accident to Lora Roch. Report to Barbara L. Legate, Legate Associates, London, ON.

Donderi, D. C. (2004) Visual perception analysis of an accident to Diane Tupper on September 24, 2000. Report to Heidi Brown, Bogoroch & Associates, October 4, 2004.

Donderi, D.C. (2004) Report on a swimming-pool accident to Kaitlin Colantino. Report to Michael J. Winward, Mackesy Smye LLP, Hamilton, ON.

Donderi, D.C. (2004) Report on an accident to Janet Ravivo. Report to Michael Smitiuch, Smitiuch & Young, Toronto, ON.

Donderi, D.C. (2003) Night illumination on Yonge Street, Burk's Falls. Report to C. Kirk Boggs, Lerner LLP, Toronto, ON

Donderi, D.C. (2001) The Lego trademark indicia: Critique of a report by Michael J. Tarr. Report to Christine M. Pallotta, Bereskin & Parr, Toronto, ON

Donderi, D.C. (2001) Analysis of a fall at the Stratford Festival Theatre. Report to Michelle Gill, Thomson Rogers, Toronto, ON

Donderi, D.C. (2001) Analysis of a Parking Garage Fall at the Galleria in London, Ontario. Report to Robert B. Ledgley, Lerner Associates, London, ON

Donderi, D.C. (2000) Comments on forensic engineering reports about Mostyn at Dallas. Report to Kirk Boggs, Lerner & Associates, Toronto, ON.

Donderi, D.C. (2000) Report on the accident of Robert I. Woods. Report to Marinus Lamers, Lerner & Associates, Toronto, ON.

Donderi, D.C. (2000) Report on a boating accident on Lake Joseph. Report to Jesse T. Glass, Laxton, Glass & Swartz, Toronto, ON.

Donderi, D.C. (2000) Report on a fall sustained by Ms. Bettye Weaver. Report to Sally Powell, Lerner & Associates, Toronto, ON

Donderi, D.C. (2000) Report on an accident to Ricardo Veracruz at the Bar Michaelangelo in Hamilton, Ontario. Report to Jay W. State, Hamilton, ON

- Donderi, D. C. (2000) Report on an accident to David Christopher Stevenson. Report to Roger Oatley, Oatley Purser, Barrie, ON
- Donderi, D. C. (2000) The role of night vision in the accident of Mr. Russell Andrus. Report to N. W. Fursman, Siskind, Cromarty, Ivey and Dowler, Toronto, ON
- Donderi, D. C. (1999) Who made that beer? A survey of what Quebec buyers know about the beer they buy. Report to Marc-André Blanchard, Lafleur Brown, Montreal, QC.
- Donderi, D. C. (1999) Illumination on the walkway between 215 and 219 College Avenue West. Report to Janet Reymond, The Cooperators, November 30, 1999.
- Donderi, D. C. (1999) Warning signs in the Niagara Glen area. Report to Keith M. Landy, Landy, Marr & Associates, July 1999
- Donderi, D.C., Ostry, D.C. (1998) A fall down the steps at the Coffee Time Restaurant in Trenton, Ontario. Report to L. Michael Shannon, Cassels Brock & Blackwell, Toronto, ON
- Donderi, D.C. (1998) A fall in the parking garage at 150 Adelaide Street. Report to Nadine Zeldovich, Lerner & Associates, Toronto, ON
- Donderi, D.C. (1998) Visual perception report: Allen vs. the City of Toronto. Report to C. Kirk Boggs, Lerner & Associates, Toronto, ON
- Donderi, D. C. (1998) Ergonomic analysis of the balcony steps at the Chatham Cultural Centre. Report to James E. S. Allin, QC, Chatham, ON.
- Donderi, D. C. (1998) Report on an accident to Mrs. Soady-Easton. Report to Linda Wolansky, Thompson Rogers, Toronto, ON.
- Donderi, D. C. (1998) A fall down the steps at the Coffee Time Restaurant in Trenton, Ontario. Report to L. Michael Shannon, Cassels Brock & Blackwell, Toronto, ON.
- Donderi, D. C. (1998) A fall in the parking garage at 150 Adelaide Street. Report to Nadine Zeldovich, Lerner & Associates, Toronto, ON
- Donderi, D. C. (1998) Visual perception report: Allen vs. the City of Toronto. Report to Kirk Boggs, Lerner & Associates, Toronto, ON
- Donderi, D. C. (1997) Investigation of the lighting at Skeeter Barlow's Bar and Grill (formerly the Grove Pub). Report to James R. Townsend, Cockburn, Foster, Townsend Graham and Associates, London, ON
- Donderi, D. C. (1997) A report on the events of May 14, 1885, at Ecole Secondaire Theriault in Timmins, Ontario. Report to Robert T. L. Yu, Evans Bragagnolo & Sullivan, Timmins, ON

- Donderi, D. C. (1997) Notes on the interview by O.P. P. detectives Brad Collins and Clyde Dick with Lorie Ferguson on June 17, 1996. Report to Wolf Tausenfreund, O'Flynn, Weese Tausenfreund, Belleville, ON.
- Donderi, D.C. (1996) Human factors aspects of the accidental injury to Mr. Bruno Hockmann. Report to L.Michael Shannon, Cassels Brock & Blackwell.
- Donderi, D. C. (1996) Report on a shooting incident in Marysville, Ontario. Report to A. P. Girard, Belleville, ON.
- Donderi, D. C. (1992) A review of the circumstances leading to the accidental death of Luc Guindon. Report to Bernard Faribault, Pepin Letourneau, Attorneys.
- Donderi, D. C. (1990) Human factors aspects of the deaths resulting from the fire aboard the Hudson Transport. Report to S. Harrington, McMaster Meighen.
- Donderi, D.C. (1986) Report on a shooting incident in Marysville, Ontario. Report to Anthony Peter Girard, B.A., LL.B. *
- Donderi, D. C. (1978) Charles Marion's captivity: The consistency of his reports, with evidence from experimental studies of isolation and confinement. Report to Pierre, Gagne M. D., Sherbrooke, QC.

INVITED TECHNICAL TALKS, POPULAR TALKS AND TECHNICAL AND POPULAR ARTICLES

- ETs are Here. Chomedy Service Club, October 7, 2021
- Extraterrestrials are here: What happens next? Oxford Dialogue Group, June 11, 2021
- Some UFOs are extraterrestrial: The evidence, the arguments and the consequences. Act to end violence against women (fifty and beyond group). Montreal, April 5, 2017
- Mémoire humain et enlèvement par ET : Pourquoi les preuves de mémoire sont fiables et l'expérience est réel. MUFON-Québec, 21 Janvier, 2017
- UFOs: The Reality. McGill Community for Lifelong Learning, October 21, 2016
- Why it is hard to accept that some UFOs are extraterrestrial vehicles. Science Undergraduate Society of McGill University, Science week talk, February 5, 2016.
- Abnormal psychology, normal science and the UFO evidence. Nuffield College, Oxford, UK, May 5, 2015.
- The evidence that we are not alone. Segal Centre for the Performing Arts, Montreal, QC, March 15, 2015.

We are not alone. Sigma Xi McGill Chapter, December 5, 2014.

Some UFOs are extraterrestrial: The evidence, the arguments and the consequences. Sigma Xi McGill Chapter, April 11, 2014

Evidence of ET abductions from the viewpoints of science, scientific intelligence and common sense. 2013 MUFON symposium, Las Vegas, NV, July 21, 2013

Research with abductees. Los Angeles and Orange County Chapters, Mutual UFO Network (MUFON), March 20 – 21, 2012

How to keep officers and crew focused and effective during routine and emergency operations. Canadian Ferry Operators Association, Owen Sound, ON, September 12, 2011

UFOs and close encounters: The psychology of a phenomenon. McGill University Faculty of Science lecture series, January-February 2010 (4 lectures), November 2010 (2 lectures).

User Interface Design. Accenture Inc. Lunch and Learn Seminar, July 8, 2005

Bilingualism and the Future of Canada: Canadians for Language Fairness, Ottawa, June 21, 2005

Words and Pictures Together: A New Use for Proscale. Pulp and Paper Research Centre, McGill University, June 8, 2005

Guest lecturer on subjective measurement in *Intellectual Property Law and Cognitive Science* taught by Prof. John Senders and Colleen Spring Zimmerman at the Osgoode Hall Law Faculty of York University – January 1997 to November 2004.

Rights Denied. *National Post*, June 30, 2004

An information theory analysis of visual complexity and dissimilarity. NASA Ames Research Center, Human Performance Group, April 5, 2004

When in Stockholm, Speak English. *National Post*, August 25, 2001

Proscale multidimensional scaling: A practical application of the relationship between information and distance in Euclidean space. Department of Psychology, University of Stockholm, June 7, 2001

The unlearned reverberatory circuit: Lashley's legacy to Hebb, and how Hebb invested it. ftp Psycology.99.10.061.lashley-hebb.6.donderi ISBN 1055-0143, Dec 15, 1999

Judging paper quality. Industry Day, Pulp and Paper Research Centre, April 1999.

User interface design. Seminar, I. C. Axon Co., Montreal, March 1999

The measurement of subjective print quality. Executive Seminar, Pulp and Paper Research Institute of Canada, November 1998

The measurement of subjective print quality. Partner day, Pulp and Paper Research Centre, McGill University, November 1997

Display design: Making sense. *OHMS Canada*, Oct/Nov 1997, pp 22-23

The measurement of subjective print quality: Keynote speaker, Mead Corporation Graphic Arts/Quality Assurance conference, Phoenix City, Ala., October 14, 1997

The Subjective Evaluation of Print Quality. International Workshop on Print Quality, Swedish Pulp and Paper Research Institute, Stockholm, Sweden, June 10, 1997

The Use of a Human Factors Expert. Ontario Trial Lawyers Association, Sunrise Semester, Toronto, October 10, 1996

Unidentified Flying Objects. Middlebury, Vermont Rotary Club, May 15, 1996

Keeping Quebec Canadian through Political Action: Chateauguay Valley English-Speaking People's Association Conference on the Future of Canada in Quebec: January 13, 1996

The ideals that move men. St. James United Church Fellowship, January 10, 1996

The scientific context of the UFO/Abduction phenomenon. *International UFO Reporter*, Spring 1996, pp 13-21.

The scientific context of abduction research. The Science and Politics of UFO Research Symposium; The Science Museum of Minnesota, St. Paul, MN, October 29, 1995

English-language population of Quebec has shrunk *Montreal Gazette*, August 16, 1995; *London Free Press*, September 16, 1995; *Dialogue*, (Huntingdon, Que.) Autumn 1995

Really understanding dreams. Psychiatric grand rounds, Eastern Maine Medical Center, Bangor, Me. February 1993

How to measure psychological similarity and distinctiveness in any set of things. University of Ottawa, November 1990

Ergonomic considerations in Arctic marine transportation. Seminar in Transportation Ergonomics, Transportation Development Centre, Transport Canada. Montreal, October 1990

Experimental psychology in the German Democratic Republic. *Synopsis*, Canadian Psychological Association, August 1990.

Distinctiveness, similarity and preference among 45 newsprint samples from 9 paper machines. Canadian Pulp and Paper Association, Printing and Graphic Arts Committee, August 1990

A correlational analysis of dream content variables with measures of self-reported well-being (with Harry Stefanakis and Antonio Zadra) Association for the Study of Dreams Newsletter 7(4), July 1990

Variations in visual recall. Psychologie Sektion, Karl-Marx Universität, Leipzig, May 1989.

Information measurement of distinctiveness and similarity. Arbeitswissenschaft Sektion, Technische Universität Dresden. May 1989.

Comments on the Evidence Concerning Abductions and Comments on the Abduction Debate, Invited Articles in the *Journal of UFO Studies, New Series*, Vol. 1, pp. 130-132 and 146-148, 1989.

Information Theory Approaches to Scaling Paper Products. Seminar, Pulp and Paper Research Institute of Canada, February 1989.

Information Theory and Visual Similarity. McGill University Psychology Department, September 1987.

The Application of Psychological Techniques to Research in Pulp and Paper. Pulp and Paper Research Institute of Canada, April 1987.

Visual Search Strategies for Letter Targets. Institute of Psychology, University of Padua, Padua, Italy, October 1985.

Perceptual Information Theory and the Classification of Museum Artifacts, Statens Kulturråd, Stockholm, Sweden, September 1985.

Visual Search Strategies for Letter Targets. Institute for Perception Research, Eindhoven, Netherlands, Sept 1985.

The Visual Environment of the Eastern Arctic. 25-Minute videotape prepared for the Transportation Development Centre, Government of Canada, May 1984 (with V. H. Donderi).

A psychologist's view of unidentified flying objects. *Instittatler*, Pulp and Paper Research Institute of Canada, 1982, 18, pp. 4-6.

The Normal Science of the Paranormal. Simon Fraser University, Challenges to Science Conference, Vancouver, B.C., October 1982.

Les Illusions Visuels. Université de Québec à Montréal. Département de design graphique, Montreal, February 1982.

Dreams and Personality. Dartmouth University, The Lunar Society, Hanover, N. H., September 1980.

Unidentified Flying Objects. Bishop's University, Lennoxville, Quebec, November 1979.

Association Theory in Perception and Learning. St. Lawrence University, Department of Psychology, Canton, N.Y., April 1976.

Extra-Sensory Perception. St. James Literary Society, Montreal, January 1973.

A Theory of Memory and Association. University of Cambridge, Department of Psychology, Cambridge, England, March 1971.

Unidentified Flying Objects. St. James Literary Society, Montreal, November 1968.

Visual Perception. CBC Radio, Ideas, Montreal, February 1968.

The motivation for legal violence. *Atlantic Psychologist*, 1968, 17, 20-24.

Perceptual Learning. Thomas More Institute, Montreal, 1967.

Association in Perception. IBM Psychology Research Group, Yorktown Heights, N.Y., October 1967.

Creativity and the Sciences. Canadian Society for Education Through Art, Montreal, October 1967.

Color. Farm Writers Association of Eastern Canada, Lake Couchiching, Ontario, September 1967.

Perception. UNESCO International Youth Science week, Expo '67, Montreal, August 1967.

Perceptual Learning (Film). National Film Board-McGill University Series on Psychology, 1966.

SCIENTIFIC CONFERENCE TALKS

Donderi, D. C. Research enterprise is inhibited and scientific ethics are slighted when 70 years of extraterrestrial evidence is ignored by science professionals. Sigma Xi Annual Meeting (virtual), November 5-7, 2020.

Pulman, H., Donderi, D. C. & Besner, C. (2009). Compressed file size predicts image complexity and image pair dissimilarity. Association for Psychological Science, San Francisco, CA, May 24, 2009 (poster).

Appelle, S., Donderi, D. C., Bellissimo, J. & Hopkins, B. (2009). Common symbols are remembered by people self-reporting alien abductions. Association for Psychological Science, San Francisco, CA, May 24, 2009 (poster).

Lagrandeur, T., Donderi, D. C., Appelle, S. & Hopkins, B. (2008). Self-reported alien abductees remember consistent sets of symbols. Association for Psychological Science, Chicago, IL, May 13, 2008 (poster).

Donderi, D. C. (2009). Evidence weakens psychological theories of the alien abduction experience. Association for Psychological Science, Chicago, IL, May 14, 2008.

- Williams, S. & Donderi, D. C. (2007). A study of brand imaging through multidimensional scaling. Canadian Psychological Association, Ottawa, Canada, June 8, 2007 (poster).
- Donderi, D. C., Hopkins, B. & Davis, T. (2007). The abduction experience is a consistent psychological syndrome. Association for Psychological Science, Washington, D. C., May 25, 2007 (poster).
- Donderi, D. C. & Caro, J. (2006) Tactile category learning transfers to visual recall memory. American Psychological Society, New York, NY May 28, 2006 (poster).
- Donderi, D. C. & McFadden, S. (2005). Information, distinctiveness, dissimilarity and distance in Euclidean space: applications to visual search. Human Factors and Ergonomics Society, Orlando, FL, September 27, 2005 (poster).
- Donderi, D. C. (2000). A complexity measure for visual graphic displays. *Experimental Psychology Society/Canadian Society for Brain, Behavior and Cognitive Science Joint Meeting*, Cambridge, UK, July 22, 2000.
- Turner, P., Boudewijnse, G-J. & Donderi, D. C. (2000). Barriers to acceptance and proper use of automated process control strategies in Canadian pulp and paper mills. *Canadian Pulp and Paper Association Annual Meeting*, Montreal
- Zadra, A. & Donderi, D. C. (2000). Self-reported affect in nightmares and bad dreams. *Journal of Sleep Research*, 9 (Supplement 1), 213 (abstract).
- Pesant, N., Zadra, A., Miller, M. & Donderi, D. C. (2000) Repetitive dream themes and their relation to well-being. *Journal of Sleep Research*, 9 (Supplement 1), 151 (abstract).
- Donderi, D. C. & McFadden, S. (1999) Performance measurement of combined versus separate radar and electronic chart displays. *19th International Cartographic Conference, International Cartographic Association*, Ottawa
- Donderi, D. C. & Aspler, J. (1999). Proscale: A fast new way to measure subjective print and paper quality. *Pulp and Paper Technical Association of Canada*, Annual Meeting, Montreal.
- Donderi, D. C. & Belair, S. (1998). Category learning causes dynamic changes in tactile memory. Canadian Society for Brain, Behavior and Cognitive Science: Annual Meeting, Ottawa, On.
- Donderi, D. C. (1998). Summary of the deliberations of the Green working group in Heron, R. (ed). *The ergonomics of one-person train operations: Symposium synopsis*. Montreal, Railway Association of Canada.
- Zadra, A. L., Nielsen, T. A., J-M Assaad, & D.C. Donderi. The prevalence of pain in dreams. Poster presented at the Second International Congress of the World Federation of Sleep Research Societies, Nassau, The Bahamas, September 12-16, 1995. Abstracted in *Sleep Research*, 24A, 261, 1995.

- Zadra, A. L., J-M. Assaad, T. A. Nielsen, & D.C. Donderi. Trait anxiety and its relation to nightmares, bad dreams and dream content. Paper presented at the 9th Annual Meeting of the Association of Professional Sleep Societies, Nashville, TN., May 30-June 4. Abstracted in *Sleep Research*, 24, 150, 1995.
- Zadra, A. L. & Donderi, D.C. Variety and intensity of emotions in bad dreams and nightmares. Poster presented at the 54th Annual Convention of the Canadian Psychological Association, Montreal, Quebec, May 27-29. Abstracted in *Canadian Psychology*, 34: 2a, 294, 1993.
- Zadra, A. L., Donderi, D.C., & Assaad J. M. (1992). Trait anxiety and its relation to dream anxiety and nightmare frequency. Paper presented at the Ninth Annual International Conference of the Association for the Study of Dreams, Santa Cruz, CA, June 23-27.
- Donderi, D.C., Zadra, A.L., & Nielsen, T.A. (1992). Problems in the study of nightmares. Paper presented at the Ninth Annual International Conference of the Association for the Study of Dreams, Santa Cruz, CA, June 23-27.
- Zadra, A.L. & Donderi, D.C. (1991). Observed differences among lucid and non-lucid dreamers. Paper presented at the Eighth Annual International Conference of the Association for the Study of Dreams, Charlottesville, VA, June 24-29.
- Stefanakis, H., Donderi, D.C., & Zadra, A.L. (1991). Dream content and self-reported well-being among lucid and non-lucid dreamers. Paper presented at the Eighth Annual International Conference of the Association for the Study of Dreams, Charlottesville, VA, June 24-29.
- Donderi, D. C. (1988) Response-contingent variations in visual recall memory. Queens' University Perception Conference, Kingston, Ontario.
- Donderi, D. C. (1987) Information measurement, multidimensional scaling and perceptual learning with complex visual stimuli. Experimental Psychology Society. Oxford, England.
- Donderi, D. C., and Jones, K. V. (1987) Sex differences in memory for names and faces. American Psychological Association, New York, NY.
- Donderi, D. C., Ostry, D. J. and Heron, R. (1986) The task structure of piloting a ship in ice. Human Factors Association of Canada (HFAC), Vancouver.
- Donderi, D. C., Ostry, D. J. and Heron, R. (1985) Bridge officers' tasks during arctic navigation. American Psychological Association, Los Angeles.
- Donderi, D. C. (1984) The dynamics of the unconscious. CPA, Ottawa, June 1984. Abstract: *Canadian Psychologist*, 25(2a), No. 136.
- Donderi, D. C. (1984) Eye movements during visual search of random letter displays. APA, Toronto.

- Donderi, D. C. (1982) Linear and nonlinear processes in visual search. APA, Washington, D.C. Abstract: Resources in Education, 1983 (July).
- Donderi, D. C. (1982) An oscillating visual aftereffect. CPA, Montreal.
- Donderi, D. C. (1982) Signal detection theory as a method for the retrospective evaluation of UFO witnesses. Salzburg Colloquium on Human Sciences and the UFO Phenomenon.
- Solomon, J. H., Dykes, P. W., Donderi, D. C. and Daniel, R. K. (1981) Sensory acuity of the great toe after transplantation to the human hand. Canadian Physiological Society, Ste-Adele, Que.
- Lyne, M. B., Richer, F., Parush, A., Donderi, D. C. and Ramsay, J. O. (1981) A multidimensional analysis of paper-related factors in the subjective evaluation of print quality. Seventh Fundamental Research Symposium, British Paper and Board Industry Federation.
- Donderi, D. C. and Murphy, S. B. (1980) Predicting the success of cataract surgery: A two-year follow-up. CPA, Calgary.
- Donderi, D. C. (1980) Visual search of same-different letter targets. APA, Montreal.
- Donderi, D. C., Jolicoeur, P., and Tsang, P. (1978) A color-contingent visual displacement aftereffect. CPA, Ottawa.
- Donderi, D. C. and Raymond, R. (1977) Detectability and criterion shifts with visual association learning in children. APA, San Francisco.
- Baillargeon, R. and Donderi, D. C. (1975) Effets du pairage d'etiquettes verbales et visuelles sur l'apprentissage et la retention de formes absurdes. CPA, Quebec City.
- Donderi, D. C. (1975). Same-different decision latencies for multiple color and letter displays. APA, Chicago. Donderi, D. C., Seal, S., and Covit, L. (1974) Association learning and visual discrimination. American Psychological Association Annual Meeting (APA), Montreal.
- Donderi, D. C. (1973) A theory of memory and discrimination. CPA, Victoria.
- Donderi, D. C. (1972). Visual recall memory change following discrimination learning. CPA, Montreal.
- Baba, Y. and Donderi, D. C. (1972) Effects of past experiences on evaluation of pattern complexity. 13th Japanese Congress of Psychology, Tokyo.
- Donderi, D. C. (1970) The effect of learned associations on visual discrimination. CPA.
- Donderi, D. C. and Case, B. (1969) Parallel visual processing: Constant decision latency with two to fourteen shapes. CPA.

- Donderi, D. C. and Zelnicker, D. (1968) Parallel processing in a visual same-different discrimination task. CPA.
- Donderi, D. C. and Danson, Jeffrey. (1966) Memory change resulting from discrimination learning. CPA, Montreal.
- Donderi, D. C. (1965) Paired-associates learning errors predicted from stimulus information measurements. CPA, Vancouver.
- Donderi, D. C. and Kane, E. (1964) The effect of responses on perception with reduced visual stimulation. Canadian Psychological Association Annual Meeting (CPA), Halifax.
- Donderi, D. C. (1964) The effect of similarity on paired associates confusion between visual stimuli. CPA, Halifax.

GRADUATE STUDENTS SUPERVISED

Henderson, A. S.	Ph.D.	2011
Zadra, A.	Ph.D.	1995
Cornwall, A.	Ph.D.	1987
Gainer, J.	Ph.D.	1987
Levasseur, D.	M.A.	1984
Engels, M. L.	Ph.D.	1984 (with E. Poser)
Brown, R. L.	Ph.D.	1983
Paoletti, R.	Ph.D.	1982
Parush, A.	M.A.	1982
Bryson, S.	Ph.D.	1981 (w. M. Corballis)
Achim, A.	Ph.D.	1980 (w. M. Corballis)
Brouwer, P.	Ph.D.	1980 (w. M. Corballis)
Cann, D.	Ph.D.	1979
Staal, H.	M.A.	1977
Favreau, O.	Ph.D.	1973
Albert, R.	Ph.D.	1973
Hepler, N.	Ph.D.	1971
Eisenberg, H.	M.Sc.	1971
Harnad, S.	M.A.	1969
Skanes, G.	Ph.D.	1968
Masland, R.	Ph.D.	1968
Rahman, A.K.A.	Ph.D.	1967 (with D. O. Hebb)

RESEARCH, DESIGN AND CONSULTING GRANTS AND CONTRACTS

Research Grants from federal, provincial and private agencies, including NRC, NSERC, DRB, and FCAR, 1962-1990., Nortel Ltd, Canadian Coast Guard, Allied-Signal; 1982-2002, Insurance Bureau of Canada. Total over \$2.5 million. Ongoing current contract between HFB Inc. and MDA Associates, Toronto as human factors consultant to the NASA Artemis Lunar Orbiter project. Revised 21/2/17.