

CURRICULUM VITÆ

May 2008

MICHAEL W. VON GRÜNAU

Born October 3, 1944, Bayrischzell, W. Germany
Canadian citizen

Undergraduate Education:

1964-1967	U. of Munich	Physics
1967-1968	U. of Toronto	Physics (B.Sc.)
1968-1969	U. of Toronto	Psychology

Graduate Education :

1969-1971	U. of Toronto	Psychology (M.A.)
1971-1975	U. of Toronto	Psychology (Ph.D.)

Professional Experience:

1969-1974	Toronto	Teaching Assistant in Introductory Psychology, Perception and Information Processing
1973-1974	Toronto	Research Assistant for Prof. Kolers at U. of Toronto
1975-1976	Munich	Lecturer in Introductory Psychology at U. of Maryland
1975-1978	Munich	Researcher at Max-Planck-Institute for Psychiatry, Dept. of Neurophysiol.
1976	Munich	Assistant at U. of Munich, Dept. of Physiology
1978-1980	Kingston	Post-doctoral Fellow at Queen's University, Dept. of Psychology
1980-1984	Kingston	NSERC University Res. Fellow & Assistant Professor, Queen's University, Dept. of Psychology
Fall 1982	Tübingen	Visiting Research Fellow, MPI f. Biol. Cybernetics, Tübingen, W. Germany
1984 - June 30, 1985	Kingston	NSERC University Res. Fellow & Associate Professor, Queen's University, Dept. of Psychology

July 1, 1985 - June 30, 1986	Montréal	Researcher at Institut Philippe Pinel, Montréal
July 1, 1985 - present	Montréal	Adjunct Professor, Université de Montréal, Dept. of Psychology
Dec. 15, 1986 - Mar. 31, 1989	Ottawa	Research Associate, National Research Council of Canada, Physics Div., Photometry & Radiometry section, Vision group
July 1, 1989 - June 30, 1997	Montréal	Associate Professor, Concordia University, Dept. of Psychology
July 1, 1997 - present	Montréal	Full Professor, Concordia University, Dept. of Psychology
June 1, 2000 – May 31, 2009	Montréal	Principal of Science College, Concordia University

Awards, Scholarships, Grants (partial list):

1967-1968	Gertrude Davis Exchange Scholarship
1970-1974	National Research Council of Canada Scholarship
Spring 1974	Travel Award for Young Investigators from the Association for Research in Vision and Ophthalmol.
Fall 1974	Health Sciences Research Grant
1977-1978	Deutsche Forschungsgemeinschaft Research Grant
1980-1985	NSERC University Research Fellowship
1980	ARC Equipment Grant (stereotaxic instrument)
1981	ARC Equipment Grant (microdrive)
1981	NSERC Equipment Grant (as member of Grinnell Group)
1982-1985	NSERC Operating Grant (in addition to Fellowship)
1982	NSERC Equipment Grant (search coil eye movement system)
1982	ARC Equipment Grant (X-Y recorder)
1983	ARC Equipment Grant (computer hardware)
1984	NSERC Equipment Grant (equipment for microiontophoresis)
1985-2003	NSERC Operating Grants
1997-2003	FCAR Team Grant
1999	NSERC Equipment Grant (EYELINK eye-tracker)
2002-2005	FQRSC Team Grant (Segalowitz)
2003-2008	NSERC Discovery Grant
2007	NSERC RTI (EyeLinkII upgrade)
2008-2013	NSERC Discovery Grant

List of publications in professional journals

- (1) von Grünau M.W. (1975). The "Fluttering Heart" and spatio-temporal characteristics of color processing : I. Reversibility and the influence of luminance. *Vision Research*, **15**, 431-436.
- (2) von Grünau M.W. (1975). The "Fluttering Heart" and spatio-temporal characteristics of color processing : II. Lateral interactions across the chromatic border. *Vision Research*, **15**, 437-440.
- (3) Kolers P.A. and von Grünau M.W. (1975). Visual construction of color is digital. *Science*, **187**, 757-759.
- (4) von Grünau M.W. (1976). The "Fluttering Heart" and spatio-temporal characteristics of color processing : III. Interactions between the systems of the rods and the long-wavelength cones. *Vision Research*, **16**, 397-401.
- (5) Kolers P.A. and von Grünau M.W. (1976). Color and shape in apparent motion. *Vision Research*, **16**, 329-335.
- (6) Kolers P.A. and von Grünau M.W. (1977). Fixation and attention in apparent motion. *Quart. J. Exp. Psychol.*, **29**, 389-395.
- (7) von Grünau M.W. (1977). Lateral interactions and rod intrusion in color flicker. *Vision Research*, **17**, 911-915.
- (8) von Grünau M.W. (1978). Interaction between sustained and transient channels: Form inhibits motion in the human visual system. *Vision Research*, **18**, 197-201.
- (9) von Grünau M.W. (1978). Dissociation and interaction of form and motion information in the human visual system. *Vision Research*, **18**, 1485-1489.
- (10) von Grünau M.W. (1978). Luminance dependence of strabismic amblyopia in kittens. *J. Physiol., Lond.*, **284**, 119 P.
- (11) von Grünau M.W. and Singer W. (1979). The role of binocular neurons in the cat striate cortex in combining information from the two eyes. *Exp. Brain Res.*, **34**, 133-142.
- (12) von Grünau M.W. (1979). The involvement of illusory contours in stroboscopic motion. *Percept. & Psychophys.*, **25**, 205-208.
- (13) von Grünau M.W. (1979). Binocular summation and the binocularity of the visual cortex in the cat. *Vision Research*, **19**, 813-816.

- (14) von Grünau M.W. (1979). Form information is necessary for the perception of motion. *Vision Research*, **19**, 839-841.
- (15) Singer W., Rauschecker J.P. and von Grünau M.W. (1979). Squint affects striate cortex cells encoding horizontal image movements. *Brain Research*, **170**, 182-186.
- (16) Singer W., von Grünau M.W. and Rauschecker J.P. (1979). Requirements for the disruption of binocularity in the visual cortex of strabismic kittens. *Brain Research*, **171**, 536-540.
- (17) von Grünau M.W. (1979). The role of maturation and visual experience in the development of eye alignment in cats. *Exp. Brain Res.*, **37**, 41-49.
- (18) Singer W., von Grünau M.W. and Rauschecker J.P. (1980). Functional amblyopia in kittens with unilateral exotropia : I. Electrophysiological assessment. *Exp. Brain Res.*, **40**, 299-309.
- (19) von Grünau M.W. and Singer W. (1980). Functional amblyopia in kittens with unilateral exotropia : II. Correspondence between behavioral and electrophysiological assessment. *Exp. Brain Res.*, **40**, 305-310.
- (20) Rauschecker J.P., Singer W. and von Grünau M.W. (1980). Effects of monocular stroboscopic experience on the kitten's visual cortex. Szentagothai J., Hamori J. and Palkovits M. (eds.). *Advances in Physiol. Sciences*, Vol. 2. Regulatory Functions of the CNS Subsystems, 31-39.
- (21) von Grünau M.W. (1981). The origin of pattern information of an apparently moving object during stroboscopic motion. *Percept. & Psychophys.*, **30**, 357-361.
- (22) von Grünau M.W. (1982). Comparison of the effects of induced strabismus on binocularity in area 17 and LS area in the cat. *Brain Research*, **246**, 325-329.
- (23) von Grünau M.W. and Frost B.J. (1983). Double-opponent-process mechanism underlying RF-structure of directionally specific cells of cat lateral suprasylvian visual area. *Exp. Brain Res.*, **40**, 84-92.
- (24) Green M. and von Grünau M.W. (1983). Real and apparent motion : One mechanism or two? *Siggraph/Sigart Interdisciplinary Workshop on Motion*, Proceedings, 17-22.
- (25) von Grünau M.W. and Rauschecker J.P. (1983). Natural strabismus in non-Siamese cats: Lack of binocularity in striate cortex. *Exptl. Brain Res.*, **52**, 307-310.
- (26) Dodwell P.C., Wilkinson F.E. and von Grünau M.W. (1983). Pattern recognition in kittens: Performance on Lie patterns. *Perception*, **12**, 393-410.

- (27) von Grünau M.W., Wiggin S. and Reed M. (1984). The local character of perspective organization. *Perception & Psychophysics*, **35**, 319-324.
- (28) von Grünau M.W. (1984). Long-term changes of orienting behavior in cats with artificial divergent and convergent strabismus. *Beh. Brain Res.*, **13**, 139-153.
- (29) von Grünau M.W. (1986). A motion aftereffect for long-range stroboscopic apparent motion. *Percept. & Psychophys.*, **40**, 31-38.
- (30) Zumbroich T.J., von Grünau M.W., Poulin C. and Blakemore C. (1986). Differences of the visual field representation in the medial and lateral banks of the posterior lateral suprasylvian sulcus (PMLS/PLLS) in the cat's cortex. *Exptl. Brain Res.*, **64**, 77-93.
- (31) von Grünau M.W., Zumbroich T.J. and Poulin C. (1987). Receptive field properties in cat suprasylvian cortex : Comparison between PMLS and PLLS. *Vision Research*, **27**, 343-356.
- (32) Rauschecker J.P., von Grünau M.W. and Poulin C. (1987). Centrifugal organization of direction preferences in the cat's lateral suprasylvian visual cortex and its relation to flow field processing. *J. Neuroscience*, **7**, 943-958.
- (33) Rauschecker J.P., von Grünau M.W. and Poulin C. (1987). Thalamo-cortical connections and their correlation with receptive field properties in the cat's lateral suprasylvian visual cortex. *Exptl. Brain Res.*, **67**, 100-112.
- (34) Finlay D.C. and von Grünau M.W. (1987). Some experiments on the "breakdown effect" in apparent motion. *Percept. & Psychophys.*, **42**, 526-534.
- (35) Hodgins S. and von Grünau M.W. (1988). Biology, mental disorder, aggression and violence : What do we know? In : Moffitt T.E. and Mednick S. A. (eds.). *Biological Contributions to Crime Causation*. Dordrecht/Boston: Nijhoff Publications, 161-182.
- (36) Cavanagh P., Arguin M. and von Grünau M.W. (1989). Inter-attribute apparent motion. *Vision Research*, **29**, 1197-1204.
- (37) von Grünau M.W. and Dubé S. (1992). Comparing local and remote motion aftereffects. *Spatial Vision*, **6**, 303-314.
- (38) Indow T., Robertson A.R., von Grünau M.W. and Fielder G.H. (1992). Discrimination ellipsoids of aperture and simulated surface colors by matching and paired comparison. *Color Research and Application* **17**, 6-23.
- (39) von Grünau M.W. and Dubé S. (1993). Ambiguous plaids: Switching between coherence and transparency. *Spatial Vision*, **7**, 199-211.

- (40) von Grünau M.W., Dubé S. and Kwas M. (1993). The effect of disparity on motion coherence. *Spatial Vision*, **7**, 227-241.
- (41) von Grünau M.W., Kwas M. and Dubé S. (1994). The interaction of depth parameters in motion integration with polar plaids. *Spatial Vision*, **8**, 119-140.
- (42) von Grünau M.W., Dubé S. and Galera C. (1994). Local and global factors of similarity in visual search. *Perception & Psychophysics*, **55**, 575-592.
- (43) von Grünau M.W. and Dubé S. (1994). Visual search asymmetry for viewing direction. *Perception & Psychophysics*, **56**, 211-220.
- (44) von Grünau M.W. and Faubert J. (1994). Intra- and inter-attribute motion induction. *Perception*, **23**, 913-928.
- (45) Kwas M., von Grünau M.W. and Dubé S. (1995). The effects of motion adaptation and disparity in motion integration. *Canadian Journal of Experimental Psychology*, **49**, 80-92.
- (46) von Grünau M., Saikali Z. and Faubert J. (1995). Processing speed in the motion induction effect. *Perception*, **24**, 477-490.
- (47) Faubert J. and von Grünau M.W. (1995). The influence of two spatially distinct primers and attribute priming on motion induction. *Vision Research*, **35**, 3119-3130.
- (48) von Grünau M.W. and Anston C. (1995). The detection of gaze direction: A stare-in-the-crowd effect. *Perception*, **24**, 1297-1313.
- (49) von Grünau M.W., Dubé S. and Kwas M. (1996). Two contributions to motion induction: A preattentive effect and facilitation due to attentional capture. *Vision Research*, **36**, 2447-2457.
- (50) von Grünau M.W., Racette L. and Kwas M. (1996). Measuring the attentional speed-up in the motion induction effect. *Vision Research*, **36**, 2433-2446.
- (51) Galera, C. and von Grünau, M.W. (1996). Atenção visual e segmentação de textura. *Temas em Psicologia*, **3**, 35-45.
- (52) Gurnsey R. and von Grünau M.W. (1997). Veridical and illusory motion percepts arising from translating contours defined by aligned terminators. *Vision Research*, **37**, 1007-1024.

- (53) von Grünau M.W. and Iordanova M. (1998). Visual selection: Facilitation due to stimulus saliency. *Proceedings of the II Workshop on Cybernetic Vision*, 15-20.
- (54) Culham J., Cavanagh P., Ledgeway T., Nishida S., von Grünau M.W., Kwas M. and Raymond J. (1998). Ch. 5: Higher order effects. In: Mather G., Verstraten F. and Anstis S. (eds.) *The Motion Aftereffect: A Modern Perspective*. MIT Press.
- (55) von Grünau M.W., Bertone A., and Pakneshan P. (1998). Attentional selection of motion states. *Spatial Vision*, **11**, 329-347.
- (56) von Grünau M.W., Faubert J., Iordanova M. and Rajska D. (1999). Flicker and the efficiency of cues in capturing attention. *Vision Research*, **39**, 3241-3252.
- (57) Gunnarsen L., Sakr W., Haghighat F. and von Grünau M.W. (1999). The influence of nocturnal ventilation reduction on indoor air quality. *Proceedings of International Conference on Indoor Air Quality and Climate*, **1**, 1-6.
- (58) Galera C., Lopes E.J. and von Grünau M.W. (2000). Stimulus segmentation in the visual search task. *Perception & Psychophysics*, **62**, 505-516.
- (59) Haghighat F., Sakr W., Gunnarsen L. and von Grünau M.W. (2001). The impact of combinations of building materials and intermittent ventilation on perceived air quality. *ASHRAE Transactions* **107**, Part 1, 1-15.
- (60) Iordanova M. and von Grünau M.W. (2001). Asymmetrical masking between radial and parallel motion flow in transparent displays. In: *Progress in Brain Research*, special edition: From Neurons to Cognition, **134**, 333-352.
- (61) von Grünau M.W. (2002). Bivectorial transparent stimuli simultaneously adapt mechanisms at different levels of the motion pathway. *Vision Research*, **42**, 577-587.
- (62) von Grünau M.W., Panagopoulos A., Galera C. and Savina O. (2002). Visual search with exogenous and endogenous cueing. *Proceedings of the International Psychophysical Society*, **18**, 225-230.
- (63) von Grünau M.W. and Iordanova M. (2004). A visual mechanism for extraction of heading information in complex flow fields. In: Vaina L.M., Beardsley S.A. & Rushton S. (Eds.) *Optic Flow and Beyond*. Kluwer Academic Publishers, Netherlands, Ch. 3, pp 45-59.
- (64) Panagopoulos A., von Grünau M.W., and Galera C. (2004). Attentive mechanisms in visual search. *Spatial Vision*, **17**, 353-371.

- (65) Galera C., von Grünau M.W. and Panagopoulos A. (2004). Size and shape of the attentional spotlight affect efficiency of processing. In: Oliveira, A.M., Teixeira, M.P., Borges, G.F., & Ferro, M.J. (Eds). *Fechner Day 2004, Proceedings of the International Psychophysical Society*, **20**, 368-373.
- (66) Cavanagh, P., von Grünau, M., & Zimmerman, L. (2004). View dependence of 3D recovery from folded pictures and warped 3D faces. *IEEE Proceedings of the 2nd International Symposium on 3D Data Processing, Visualization, and Transmission*, 35-41.
- (67) Lacroix G., Constantinescu I., Cousineau D., de Almeida R., Segalowitz N. and von Grünau M.W. (2005). Attentional blink differences between adolescent dyslexic and normal readers. *Brain & Cognition*, **57**, 115-119.
- (68) Galera C., von Grünau M.W. and Panagopoulos A. (2005). Automatic focusing of attention on object size and shape. *Psychologica*, **26**, 147-160.
- (69) Lacroix, G. L., Segalowitz, N., von Grünau, M., Gurnsey, R., de Almeida, R. G., Borokhovski, E., Wada, N., & Constantinescu, I. (2005). Sciences cognitives appliquées et habiletés langagières de base. In S. Pierre (ed.) *Innovations et tendances en technologies de formation et d'apprentissage* (pp. 521-540). Montreal, Quebec : Presses Internationales Polytechnique.
- (70) Galera C, Cavallet M., von Grünau M. and Panagopoulos A. (2006). Attentive characteristics revealed by local and global multiple cues. *Psicologia: Teoria e Pesquisa*, **22**, 327-334.
- (71) Vavassis A. and von Grünau M.W. (2007). Complex backgrounds delay low-load visual search. *Spatial Vision*. **20**, 467-488.
- (72) von Grünau M.W., Pilgrim K. & Zhou R. (2007). Velocity discrimination thresholds for flowfield motions with moving observers. *Vision Research*, **47**, 2453-2464.
- (73) Zhou R., Johnson A., Gurnsey R. and von Grünau M.W. (2008). Visual performance in normal and simulated low vision. *Proceedings of the 9th International Conference on Low Vision*, Montreal, July, 2008.
- (74) de Almeida R. G., Di Nardo J. C., & von Grünau M. W. (2007, submitted to *Cognition*; under review). Understanding sentences in dynamic scenes: linguistic and visual processes are independent.
- () de Almeida R. G., van de Velde C., von Grünau M. W. & Galera C. (in preparation). Looking at objects of verbs: Tracking the time course of visual-linguistic interaction during language comprehension.

List of conference presentations

- (1) von Grünau M.W. (1973). The effects of variables of geometry and motion on visual judgments of elastic deformability. Annual Meeting of the Canadian Psychological Association, Victoria, British Columbia.
- (2) Kolers P.A. and von Grünau M.W. (1974). Perceptual transformation of shape and color. Spring Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida.
- (3) von Grünau M.W. (1977). Interaktion zwischen den sustained und transient Kanälen : Form hemmt Bewegung im menschlichen visuellen System. 19. Tagung der experimentell arbeitenden Psychologen, Konstanz, BRD.
- (4) von Grünau M.W. and Singer W. (1977). The influence of binocular units on the ability to combine information from the two eyes. International Congress of Physiological Sciences, Paris, France.
- (5) von Grünau M.W. (1978). Aspects of the interaction of form and motion in the human visual system. 20th meeting of experimentally working psychologists, Marburg, BRD.
- (6) von Grünau M.W. (1978). Binocular summation and the binocularity of the visual cortex in the cat. Spring Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida.
- (7) von Grünau M.W. (1978). The interaction of form and motion information during stroboscopic motion. Nato Advanced Study Institute, Brandeis Univ., Waltham, Massachusetts.
- (8) von Grünau M.W. (1978). Luminance dependence of strabismic amblyopia in kittens. Joint Meeting of the German and English Physiological Society, Cambridge, England.
- (9) von Grünau M.W. (1979). Maturational and experiential determinants of eye alignment in cats. Spring Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida.
- (10) von Grünau M.W. and Singer W. (1979). Behavioral and electrophysiological evidence for functional amblyopia in kittens caused by divergent strabismus. Spring Meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida.
- (11) von Grünau M.W. (1979). Strabismic amblyopia is based on a mismatch between old and new spatial maps. Annual Meeting of the Canadian Psychological Association, Québec.

- (12) von Grünau M.W. (1979). The development of acuity in kittens with strabismic amblyopia. European Conference on Visual Perception, Noordwijkerhout, The Netherlands.
- (13) von Grünau M.W. (1979). The relative contribution of the two stimulus flashes to the pattern information of an apparently moving object during stroboscopic motion. European Conference on Visual Perception, Noordwijkerhout, The Netherlands.
- (14) von Grünau M.W. (1980). Evidence for a cortical site of the amblyopic deficit in kittens with artificially induced strabismus. Topical Meeting on Recent Advances in Vision, Sarasota, Florida.
- (15) von Grünau M.W. (1980). Ocular dominance and orientation preference are not independent characteristics of cortical cells. Spring Meeting of the Association for Research in Vision and Ophthalmology, Orlando, Florida.
- (16) von Grünau M.W. (1980). Abnormal retinal correspondence in squinting kittens. Annual Meeting of the Canadian Psychological Association, Calgary, Alberta.
- (17) Rauschecker J.P., Singer W. and von Grünau M.W. (1980). Monocular stroboscopic rearing in kittens : Differential effects on different layers of visual cortex. Proceedings of the International Congress of Physiological Sciences, Budapest, Hungary.
- (18) von Grünau M.W. (1980). Spatial localization in kittens with strabismic amblyopia. European Conference on Visual Perception, Sussex, England.
- (19) von Grünau M.W. (1981). Normal binocularity and abnormal direction selectivity in lateral suprasylvian visual area of cats with strabismic amblyopia. Paper presented at ARVO Spring Meeting, Sarasota, Florida.
- (20) Frost B.J. and von Grünau M.W. (1981). Double opponency of direction specific units in cat's lateral suprasylvian visual area. Paper presented at ARVO Spring Meeting, Sarasota, Florida.
- (21) von Grünau M.W. (1981). Abnormalities of orientation and direction processing in A17 and LS of cats with strabismic amblyopia. Paper presented at 4th European conference on Visual Perception, Gouvieux, France.
- (22) von Grünau M.W. (1982). Reorganization of visual direction in cats with strabismic amblyopia. Paper presented at ARVO Spring Meeting, Sarasota, Florida.
- (23) Green M. and von Grünau M.W. (1982). Direction-specific interactions between real and apparent motion. Paper presented at 5th European Conference on Visual Perception, Leuven, Belgium.

- (24) Wiggins S. and von Grünau M.W. (1982). Selective adaptation of perspective channels. Paper presented at 5th European Conference on Visual Perception, Leuven, Belgium.
- (25) Green M. and von Grünau M.W. (1983). Real and apparent motion : One mechanism of two? Paper presented at Interdisciplinary Workshop on Motion : Representation and Perception, Toronto, Ontario.
- (26) von Grünau M.W. and Rauschecker J.P. (1983). Lack of binocularity in A17 of cats with naturally occurring strabismus. Paper presented at ARVO Spring Meeting, Sarasota, Florida.
- (27) Rauschecker J.P., von Grünau M.W. and Friesdorf J.P. (1983). Brief daily treatment can restore visual function of the deprived eye in kittens. Paper presented at ARVO Meeting, Sarasota, Florida.
- (28) Rauschecker J.P., von Grünau M.W. and Poulin C. (1983). Convergent input to the cat's lateral suprasylvian visual cortex. Paper presented at 29th Congress of Physiological Sciences, Sydney, Australia.
- (29) von Grünau M.W., Poulin C. and Rauschecker J.P. (1983). Binocular facilitation in lateral suprasylvian visual area of normal and strabismic cat. Paper presented at 29th Congress of Physiological Sciences, Sydney, Australia.
- (30) Rauschecker J.P., von Grünau M.W., Poulin C. and Friederichs A. (1984). A visual cortical area in the cat for the analysis of motion flow-fields. Paper presented at European Winter Conference for Brain Research, Courchevel, France.
- (31) Poulin C., von Grünau M.W. and Rauschecker J.P. (1984). Receptive field properties of single units in suprasylvian visual cortex (PMLS) suggest the processing of optical flow fields. Paper presented at ARVO Meeting, Sarasota, Florida.
- (32) von Grünau M.W., Poulin C. and Rauschecker J.P. (1984). Organization and connectivity of lateral suprasylvian visual cortex (PMLS) with respect to functional subgroups of single neurons. Paper presented at ARVO Meeting, Sarasota, Florida.
- (33) von Grünau M.W. (1984). Aftereffect for long-range apparent motion. Paper presented at 7th European Conference on Visual Perception, Cambridge, England.
- (34) Rauschecker J.P., Friederichs A., von Grünau M.W. and Poulin C. (1984). A thalamo-cortical subsystem in the cat for the detection of expanding visual flow fields of motion. Paper presented at the meeting of the Society for Neuroscience, Anaheim, California.

- (35) von Grünau M.W., Poulin C. and Zumbroich T.J. (1985). Comparison of receptive field properties of single cells in two visual suprasylvian areas (PMLS, PLLS) of the cat. Paper presented at ARVO Meeting, Sarasota, Florida.
- (36) von Grünau M.W. (1985). Function and neuronal connectivity of a second visual system in the cat. Paper presented at CPA Meeting, Halifax, Nova Scotia.
- (37) Finlay D.C. and von Grünau M.W. (1985). Breakdown effects in apparent motion. Paper presented at 12th Experimental Psychology Conference, Newcastle, N.S.W., Australia.
- (38) von Grünau M.W., Zumbroich T.J. and Poulin C. (1985). Two suprasylvian visual areas in the cat : Comparison of receptive field properties. Paper presented at 8th ECV, Peñíscola, Spain.
- (39) von Grünau M.W. (1985). Etude des effets cognitifs et sensoriels des comportements agressifs chez l'être humain. VIII^e congrès annuel de la Société québécoise pour la recherche en psychologie, Montréal, Québec.
- (40) von Grünau M.W. (1986). Organisation globale des caractéristiques des champs récepteurs des deux aires visuelles du cortex suprasylvien latéral (PMLS/PLLS) chez le chat. Paper presented at ACFAS, 54^e congrès, May 1986, Montréal, Québec.
- (41) Hodgins S. and von Grünau M.W. (1986). Biological factors in the etiology of violent behavior in mental patients. NATO Advanced Study Institute on Biological Bases of Antisocial Behavior, Castelvechio Pascoli, Lucca, Italy.
- (42) von Grünau M.W. and Finlay D.C. (1986). The break-down of stroboscopic apparent motion. Paper presented at the 9th ECV, Bad Nauheim, West Germany.
- (43) Simas M.L.D.B. and von Grünau M.W. (1986). Caracterização de canais de frequência temporal no sistema visual humano. Presented at the XVI Reunião Anual de Psicologia, 1986 (Oct.), Brazil.
- (44) von Grünau M.W. and Marinier L. (1986). Interactions de longues distances sur l'effet consécutif de mouvement. IX congrès annuel de la Société québécoise pour la recherche en psychologie, Trois-Rivières, Québec.
- (45) von Grünau M.W. (1987). Motion aftereffects beyond the area of adaptation. Paper presented at ARVO Annual Meeting, Sarasota, Florida.
- (46) Cowan W.B. and von Grünau M.W. (1987). Image sameness : Some experiments on contrast in simple scenes. Paper presented at Topical Meeting on Color Vision and Reproduction, Annapolis, Maryland.

- (47) Arguin M., Cavanagh P. and von Grünau M.W. (1987). La perception du mouvement apparant par les multiple voies de traitement visuel. X^e congrès annuel de la Société québécoise pour la recherche en psychologie, Québec, Québec.
- (48) von Grünau M.W. and Cowan W. (1988). The role of simultaneous contrast in achromatic and chromatic channels. Paper presented at ARVO Annual Meeting, Sarasota, Florida.
- (49) von Grünau M.W. (1988). Removed motion aftereffects: Same or different origin? Paper presented at CPA Meeting, Montréal, Québec.
- (50) Arguin M., Cavanagh P. and von Grünau M.W. (1988). The perception of apparent motion in multiple visual pathways. Paper presented at CPA Meeting, Montréal, Québec.
- (51) von Grünau M.W. (1988). Are there higher-order motion aftereffects? Paper presented at the 11th ECVF in Bristol, England.
- (52) Cavanagh P., Peters S. and von Grünau M.W. (1988). Rigidity failure and its effect on the Queen. Paper presented at the 11th ECVF in Bristol, England.
- (53) von Grünau M.W. (1988). Organizing the human motion channel. Paper presented at the XVIII Reunião Anual de Psicologia, Ribeirão Preto, S.P., Brasil.
- (54) von Grünau M.W. (1989). Separate adaptation of component and pattern processes of motion. Paper presented at ARVO Annual Meeting, Sarasota, Florida.
- (55) Cavanagh P. and von Grünau M.W. (1989). 3-D objects that appear non-rigid during rotation. Paper presented at ARVO Annual Meeting, Sarasota, Florida.
- (56) von Grünau M.W. (1989). Parallel and serial processing in motion perception. Paper presented at the 41a Reunião Anual da SBPC, Fortaleza, CE, Brazil.
- (57) von Grünau M.W., Simas M.L.B., Vieira E.C. and Codeceira C. (1989). Parallel and serial processing interaction in recognition of shape and color. Paper presented at the XIX Reunião Anual de Psicologia, Ribeirão Preto, S.P., Brazil.
- (58) von Grünau M.W. and da Silva J.A. (1989). Parallel and serial processing of perspective orientations. Paper presented at the XIX Reunião Anual de Psicologia, Ribeirão Preto, S.P., Brazil.
- (59) Indow T., Robertson A.R., von Grünau M.W. and Fielder G.H. (1989). Comparison of constant-stimuli and matching methods of studying color discrimination. Paper presented at Inter-Society Color Council Conference, Williamsburg, Virginia.

- (60) von Grünau M.W. (1990). Directional tuning of an extrastriate mechanism. Paper presented at ARVO Annual Meeting, Sarasota, Florida.
- (61) von Grünau M.W. (1990). Visual search and the third dimension. Paper presented at CPA Meeting in Ottawa, Ont.
- (62) von Grünau M.W. and Dubé S. (1990). Les caractéristiques spatiales et temporelles de deux types d'effet consécutif de mouvement. Paper presented at XIII^{ième} Congrès Annuel de SQRP in Montréal, Qué.
- (63) von Grünau M.W. and Stone D. (1990). Visual search for glued and unglued items. Paper presented at XIII^{ième} Congrès Annuel de la SQRP in Montréal, Qué.
- (64) von Grünau M.W. and Dubé S. (1991). Coherence and transparency: Switching between motion processes. Paper presented at ARVO Annual Meeting, Sarasota, Florida.
- (65) Dubé S., von Grünau M.W. and Galera C. (1991). L'effet de similarité dans une tâche de recherche visuelle. Paper presented at ACFAS Annual Meeting, Sherbrooke, Québec.
- (66) von Grünau M.W. and Dubé S. (1991). Visual search asymmetry for viewing direction. Paper presented at CSBBCS Inaugural Meeting, Calgary, Alberta.
- (67) Dubé S. and von Grünau M.W. (1991). L'anisotropie des champs visuels pour la direction tel que révélée par une tâche de recherche visuelle. Paper presented at XIV^{ième} Congrès Annuel de la SQRP in Trois-Rivières, Qué.
- (68) von Grünau M.W. and Faubert J. (1992). Intra- and inter-attribute attentional priming in motion induction. Paper presented at ARVO Annual Meeting, Sarasota, Florida.
- (69) Faubert J. and von Grünau M.W. (1992). Split-attention and attribute priming in motion induction. Paper presented at ARVO Annual Meeting, Sarasota, Florida.
- (70) Dubé S., von Grünau M.W. and Kwas M. (1992). The effect of stereodepth on the perception of component and pattern motion. Paper presented at ARVO Annual Meeting, Sarasota, Florida.
- (71) Kwas M., Dubé S. and von Grünau M.W. (1992). The effect of stereodepth and pattern type on motion coherency. Paper presented at CSBBCS Annual Meeting, Québec, Qué.
- (72) Lalumière N. and von Grünau M.W. (1992). The effects of figural symmetry on similarity in visual search tasks. Paper presented at CSBBCS Annual Meeting, Québec, Qué.

- (73) Dubé S., Kwas M. and von Grünau M.W. (1992). Visual field anisotropy for viewing direction of 3D objects in visual search. Paper presented at CSBBCS Annual Meeting, Québec, Qué.
- (74) Laliotis M., Morselli R. and von Grünau M.W. (1992). The effects of facial expressions and facial feature size on perceived judgements of physical attractiveness. Paper presented at CSBBCS Annual Meeting, Québec, Qué.
- (75) von Grünau M.W. and Faubert J. (1992). Interactive effects in motion induction. Paper presented at the 15th ECVF in Pisa, Italy.
- (76) Faubert J. and von Grünau M.W. (1992). The extent of split attention and attribute priming in motion induction. Paper presented at the 15th ECVF in Pisa, Italy.
- (77) Faubert J. and von Grünau M.W. (1992). Minimum resistance model of motion induction. Paper presented at Ann. Meeting of the Am. Acad. of Optometry, Orlando, Fla. *Optometry and Visual Science*, **69**, 35.
- (78) von Grünau M.W., Faubert J. and Laurent C. (1993). Relative strength of intra and inter attribute attentional priming in motion induction. Paper presented at ARVO Annual Meeting, Sarasota, Florida.
- (79) Kwas M., von Grünau M.W. and Dubé S. (1993). Complex cooperative processing between motion and depth modules. Paper presented at ARVO Annual Meeting, Sarasota, Florida.
- (80) Dubé S., von Grünau M.W. and Kwas M. (1993). Visual field anisotropy and asymmetry for direction of lighting. Paper presented at ARVO Annual Meeting, Sarasota, Florida.
- (81) von Grünau M.W. (1993). Interactions between depth mechanisms and the motion integration process. Paper presented at CSBBCS Annual Meeting, Toronto, Ont.
- (82) Kwas M., von Grünau M.W., Dubé S., Gurnsey R. and Day D. (1993). Adaptation to differential depth is not stimulus-dependent for the integration of motion. Paper presented at CSBBCS Annual Meeting, Toronto, Ont.
- (83) Gurnsey R., Day D., von Grünau M.W., Kwas M. and Dubé S. (1993). Peripheral improvement in texture discrimination is not a special case of the oblique effect. Paper presented at CSBBCS Annual Meeting, Toronto, Ont.
- (84) Mucciacciaro R. and von Grünau M.W. (1993). Stepping onto sidewalks: Accuracy depends on the curb height. Paper presented at CSBBCS Annual Meeting, Toronto, Ont.

- (85) von Grünau M.W., Faubert J. and Saikali Z. (1993). Processing speed in the motion-induction effect. Paper presented at the 16th ECVF in Edinburgh, Scotland.
- (86) von Grünau M.W., Dubé S. and Kwas M. (1994). Automatic and attentional contributions to motion induction. Paper presented at ARVO Annual Meeting, Sarasota, Florida.
- (87) Dubé S., von Grünau M.W., Gurnsey R. and Kwas M. (1994). Directional bias of transparent plaid components. Paper presented at ARVO Annual Meeting, Sarasota, Florida.
- (88) Kwas M., von Grünau M.W. and Dubé S. (1994). The effect of surround coherence on motion integration. Paper presented at ARVO Annual Meeting, Sarasota, Florida.
- (89) Gurnsey R. and von Grünau M.W. (1994). Subjective contours defined by offset gratings cannot be integrated to produce coherent motion. Paper presented at ARVO Annual Meeting, Sarasota, Florida.
- (90) Gurnsey R. and von Grünau M.W. (1994). Bistability of first- and second-order motion signals. Paper presented at Société Québécoise pour Recherche en Psychologie, Montréal, Qué.
- (91) Racette L., von Grünau M.W. and Kwas M. (1994). Interaction entre la luminance et les facteurs attentionnels dans le phénomène de l'induction de mouvement. Paper presented at Société Québécoise pour Recherche en Psychologie, Montréal, Qué.
- (92) Dubé S., von Grünau M.W. and Kwas M. (1994). Analyse de la séquence perceptuelle du mouvement des composantes d'un carrelé lors de sa désintégration. Paper presented at Société Québécoise pour Recherche en Psychologie, Montréal, Qué.
- (93) Kwas M., von Grünau M.W., Faubert J. and Dubé S. (1995). Eye movements are not correlated with the motion bistability observed with the plaid. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (94) Dubé S., von Grünau M.W. and Kwas M. (1995). Dynamic and static facial expressions: A test of biological motion sensitivity with faces. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (95) Gurnsey R. and von Grünau M.W. (1995). Subjective contours defined by offset gratings can be integrated to yield coherent motion. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (96) Iordanova M.A. and von Grünau M.W. (1995). Dynamics of selective attention and the motion induction effect. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.

- (97) von Grünau M.W., Racette L. and Kwas M. (1995). Attentional speed-up of processing in motion induction. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (98) Gold D. and von Grünau M.W. (1995). An improved method of measuring higher-level motion aftereffects. Paper presented at BBSCS Annual Meeting, Halifax, N.S.
- (99) Leiba H. and von Grünau M.W. (1995). An attentional size illusion. Paper presented at BBSCS Annual Meeting, Halifax, N.S.
- (100) Iordanova M.A., Kwas M., Dubé S. and von Grünau M.W. (1995). Flicker adaptation of the motion induction effect. Paper presented at BBSCS Annual Meeting, Halifax, N.S.
- (101) von Grünau M.W., Racette L. and Kwas M. (1995). Some dynamics of motion integration. Paper presented at ECVF Annual Meeting, Tübingen, Germany.
- (102) Iordanova M. and von Grünau M.W. (1995). Attention induced illusory motion during visual search: What does change with training? Paper presented at ECVF Annual Meeting, Tübingen, Germany.
- (103) von Grünau M.W., Racette L., Iordanova M. and Kwas M. (1996). Extent and profile of the attentional field revealed with the use of luminance gradients in the motion induction effect. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (104) Dubé S., von Grünau M.W. and Kwas M. (1996). Dynamic facial expressions: Sensitivity to direction of emotion change. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (105) Iordanova M., Riscaldino L., Gurnsey R. and von Grünau M.W. (1996). Attentional modulation of motion aftereffect to first- and second-order motion. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (106) Kwas M., Thiel S. and von Grünau M.W. (1996). Evidence for a transient coherence mechanism in motion integration. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (107) von Grünau M.W., Iordanova M. and Faubert J. (1996). Motion induction at different levels of complexity: Same or different mechanisms? SIG paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (108) Faubert J. and von Grünau M.W. (1996). High and low level effects under split priming conditions. SIG paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.

- (109) von Grünau M.W. and Kwas M. (1996). Two- and three-dimensional factors of motion integration. Paper presented at International Congress of Psychology, Montreal, Qué.
- (110) Bertone A. and von Grünau M.W. (1996). The Effect of Selective Attention on the MAE of a Transparent Plaid. Paper presented at BBSCS Annual Meeting, Montreal, Qué.
- (111) Hazanavicius M. and von Grünau M.W. (1996). The Effect of Attentional Capture on Early Visual Processing: A Quantitative Investigation of the Motion Induction Illusion. Paper presented at BBSCS Annual Meeting, Montreal, Qué.
- (112) von Grünau M.W. and Iordanova M. (1996). Visual selection: Facilitation due to stimulus saliency. Paper presented at Workshop on Cybernetics II, São Carlos, Brazil.
- (113) von Grünau M.W., Iordanova M. and Rajska D. (1996). Studies on the mechanism underlying selection of spatial location. Paper presented at Workshop on Cybernetics II, São Carlos, Brazil.
- (114) von Grünau M.W., Iordanova M. and Rajska D. (1997). Temporal characteristics of cuing for selection of spatial location. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (115) Bertone A., von Grünau M.W. and Pakneshan P. (1997). The effect of selective attention on the motion aftereffect (MAE) of a transparent plaid. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (116) Iordanova M.A. and von Grünau M.W. (1997). Proximity in depth and time and the motion induction effect. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (117) Iordanova M.A. and von Grünau M.W. (1997). Active allocation of attention and the motion induction effect. Paper presented at ECVP Annual Meeting, Helsinki, Finland.
- (118) Bertone A. and von Grünau M.W. (1998). Static and dynamic motion aftereffects of first- and second-order motion in central and peripheral fields of vision. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (119) van de Velde C. and von Grünau M.W. (1998). Captured and directed attention and their interaction in different parts of the visual field. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (120) Rajska D., von Grünau M.W. and Faubert J. (1998). The relative efficiency of flickering and static cues for captured attention. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.

- (121) Dubé S., Kwas M. and von Grünau M.W. (1998). Does adaptation to dynamic and static facial expressions affect identity and intensity ratings of ambiguous emotional stimuli? Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (122) Kwas M., von Grünau M.W. and Gurnsey R. (1998). Recalibration, not neural fatigue, accounts for long-term storage of the motion aftereffect. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (123) von Grünau M.W., Somekh S. and Bertone A. (1998). Aftereffects for bivectorial motion: Low or high level mechanisms? Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (124) Iordanova M.A. and von Grünau M.W. (1998). Monocular and binocular contribution to cyclopean motion induction. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (125) Bertone A. and von Grünau M.W. (1998). Motion aftereffects and sensitivity characteristics of first- and second-order motion across the visual field. Paper presented at BBCS Annual Meeting, Ottawa, Ont.
- (126) von Grünau M.W. and Faubert J. (1998). Attentional modulation of first- and second-order components and their motion aftereffects. Paper presented at ECVF Annual Meeting, Oxford, England.
- (127) Faubert J. and von Grünau M.W. (1998). Simultaneous adaptation states for first-order but not second-order stimuli as evidenced with visual aftereffects. Paper presented at ECVF Annual Meeting, Oxford, England.
- (128) Brosseau-Lachaine O., Lachapelle P., Faubert J., von Grünau M.W. and Casanova C. (1998). Motion analysis in the cat's PMLS cortex: Responses to optic flow stimuli. Paper presented at the meeting of the Society for Neuroscience, Los Angeles, CA.
- (129) von Grünau M.W. and Bertone A. (1999). Static motion aftereffect for 2nd order motion is scale dependent. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (130) Iordanova M. and von Grünau M.W. (1999). Sensitivity to planar and radial motion in superimposed flow fields. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (131) Ouellette B. and von Grünau M.W. (1999). The motion aftereffect as a measure of the global processing of optic flow fields. Paper presented at BBCS Annual Meeting, Edmonton, Alb.

- (132) Gunnarsen L., Sakr W., Haghighat F. and von Grünau M.W. (1999). The influence of nocturnal ventilation reduction on indoor air quality. Paper presented at International Conference on Indoor Air Quality and Climate, Edinburgh, Scotland.
- (133) von Grünau M.W. and Cisneros M.D. (1999). The role of lifetime, velocity, and perspective cues in the perception of radial flow fields. Paper presented at ECVP Annual Meeting, Trieste, Italy.
- (134) von Grünau M.W., Iordanova M. and Bertone A. (1999). Attentional selection in transparent motion. Paper presented at ECVP Annual Meeting, Trieste, Italy.
- (135) von Grünau M.W. and Kavada D. (2000). Bivectorial motion independently adapts low- and high-level mechanisms. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (136) Del Vecchio A., Iordanova M.A. and von Grünau M.W. (2000). Depth from radial motion enhances suppression of frontoparallel motion in superimposed flowfields. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (137) Iordanova M.A. and von Grünau M.W. (2000). Suppression of frontoparallel motion by radial flow shows spatial spreading. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (138) De Almeida R., van de Velde C., Galera C. and von Grünau M.W. (2000). Looking at objects of verbs: The use of visual information in the access to conceptual-structure representations. Paper presented at 2nd Int. Conference on the Mental Lexicon, Montreal, Qué.
- (139) Haghighat F., Sakr W., Gunnarsen L. and von Grünau M.W. (2001). The impact of combinations of building materials and intermittent ventilation on perceived air quality. Paper presented at ASHRAE Winter Meeting, Atlanta, GA.
- (140) Giaschi D., Prevost D. and von Grünau M.W. (2001). The line motion illusion in developmental dyslexia. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (141) Van de Velde C., de Almeida R.G., Galera C. and von Grünau M.W. (2001). Monitoring saccades during a visual search task to uncover the time course of visual-linguistic integration. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (142) von Grünau M.W., Galera C. and Panagopoulos A. (2001). Cueing effects of shape and size in visual search with irrelevant background. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.

- (143) Galera C. and von Grünau M.W. (2001). The selection process in the visual search task: Subset selection based on depth and size. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (144) Wada N.S. and von Grünau M.W. (2001). A curved motion trajectory illusion and its relation to type of fixation and speed gradient. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (145) Iordanova M.A. and von Grünau M.W. (2001). Global motion contributions to bilateral speed discrimination. Paper presented at ARVO Annual Meeting, Ft. Lauderdale, Florida.
- (146) DelVecchio A.-S., von Grünau M.W. and Faubert J.(2001). Attentional selection of first- and second-order motion stimuli. Meeting of the Vision Science Society, Sarasota, Fla.
- (147) Iordanova M.A. and von Grünau M.W. (2001). Detecting speed asymmetries across the visual field: The benefits of global motion flow adaptation. Paper presented at 'Optic Flow and Beyond' meeting, Boston, MA.
- (148) von Grünau M.W. and Iordanova M.A. (2001). Visual decomposition of radial and parallel motion flow. Paper presented at 'Optic Flow and Beyond' meeting, Boston, MA.
- (149) Panagopoulos A., von Grünau M.W. and Galera C. (2001). Visual search with irrelevant background: Shape and size cueing eliminate background effect only partially. Paper presented at BBCS Annual Meeting, Québec, Qué.
- (150) de Almeida R. G., van de Velde C., von Grünau M. W., & Galera C. (2001). Looking at objects of verbs: Visual representations help only post-linguistic operations during sentence comprehension. Paper presented at the Architectures and Mechanisms of Language Processing conference. Saarbrücken, Germany.
- (151) von Grünau M.W. and DiLenardo D. (2002). Evidence for multiple motion aftereffects for radial flowfield stimuli. Paper presented at VSS Annual Meeting, Sarasota, Florida.
- (152) Panagopoulos A. and von Grünau M.W. (2002). Visual search with irrelevant background: Speeding or slowing search using endogenous cues. Paper presented at VSS Annual Meeting, Sarasota, Florida.
- (153) DelVecchio A.-S. and von Grünau M.W. (2002). The effects of selective attention to first- and second-order motion stimuli on motion aftereffect duration. Paper presented at VSS Annual Meeting, Sarasota, Florida.

- (154) Wada N. and von Grünau M.W. (2002). The role of eye movements and induced motion on the strength of a trajectory illusion. Paper presented at VSS Annual Meeting, Sarasota, Florida.
- (155) Abrami, P. C., Bernard, R., De Almeida, R.G., Hadwin, A., Osana, H., Schmid, R., Segalowitz, N., Therrien, M., Tucker, B., von Grünau, M., & Wells, D. (2002). La technologie et l'apprentissage au centre d'étude sur l'apprentissage et le rendement (CSLP): programme d'alphabetisation au primaire assistée par l'ordinateur. Presented to the Association canadienne-française pour l'avancement des sciences. Québec.
- (156) van de Velde C., de Almeida R., von Grünau M.W. and Galera C. (2002). Tracking the time course of visual-linguistic integration: Verbs in search of their objects. Paper presented at BBCS Annual Meeting, Vancouver, B.C.
- (157) von Grünau M.W., Panagopoulos A., Galera C. and Savina O. (2002). Visual search with exogenous and endogenous cueing. Paper presented at the Fechner Day 2002, Rio de Janeiro, Brazil.
- (158) Galera C. and von Grünau M.W. (2002). The flexibility of the attentional focus. Paper presented at the International Symposium on The Mind-Body Problem: Old Question, New Answers, Ribeirão Preto, S.P., Brazil.
- (159) Wada, N.S., von Grünau, M.W., Lacroix, G.L., de Almeida, R.G., Gurnsey, R., and Segalowitz, N.S. (2003). The effect of dot lifetime, dot size, & percent area covered by dots on motion coherence thresholds: Implications for diagnosing reading difficulties. Paper presented at Vision Sciences Society 3rd Annual Meeting. Sarasota, Florida.
- (160) Cavallet M, Rossini J.C., Galera C., von Grünau W.M. and Panagopoulos, A. (2003). Effect of local and global cues on performance of a visual search task. Paper presented at 55th Meeting of Sociedade Brasileira para o Progresso da Ciência, Recife, PE, Brasil.
- (161) de Almeida, R.G., van de Velde, C., von Grünau, M.W. and Galera, C. (2003). (Eye-) Tracking the time-course of the interaction between linguistic and visual processes: the effect of verb-conceptual restrictions. Paper presented at VSS Annual Meeting, Sarasota, Florida.
- (162) Galera, C. and von Grünau, M.W. (2003). Size and shape of the attentional spotlight affect efficiency of processing. Paper presented at VSS Annual Meeting, Sarasota, Florida.
- (163) von Grünau, M.W. and MacKinnon, L. (2003). Simultaneous monocular and binocular motion aftereffects for radial flowfield stimuli. Paper presented at VSS Annual Meeting, Sarasota, Florida.

- (164) Panagopoulos, A., von Grünau, M.W. and Galera, C. (2003). Intruder effects in cued visual search. Paper presented at VSS Annual Meeting, Sarasota, Florida.
- (165) Del Vecchio, A.-S. and von Grünau, M.W. (2003). Comparison of two methods for equating the salience of first- and second-order motion. Paper presented at VSS Annual Meeting, Sarasota, Florida.
- (166) de Almeida, R. G., van de Velde, C., von Grünau, M. W., Galera, C., Madon, Z., and Godfrey, J. (2003). The interaction between verbs and objects in a modular architecture. Poster presented at the 12th European Conference on Eye Movements. Dundee, Scotland.
- (167) van de Velde, C., de Almeida, R., von Grünau, M.W. and Galera, C. (2003). Monitoring eye movements while reading: Printing press versus cathode ray tube. Paper presented at the ECVF Annual Meeting, Paris, France.
- (168) Lacroix, G., Costantinescu*, I., Khawam*, C., de Almeida, R. G., Segalowitz, N., & von Grünau, M. W. (2003). The role of attentional processes in rapid automatized naming and reading disability. Poster presented at the Canadian Society for Brain, Behaviour and Cognitive Science 13th Annual Meeting. Hamilton, June.
- (169) Lacroix G., Constantinescu I., Cousineau D., de Almeida R., Segalowitz N. and von Grünau M.W. (2004). Attentional blink differences between adolescent dyslexic and normal readers. Presentation at 15th Annual Meeting of TENNET, Montreal, Qué.
- (170) Wada N.S., Lacroix G.L., von Grünau M.W., Borokhovski E., Constantinescu I.R., de Almeida R.G., Gurnsey R. and Segalowitz N.S. (2004). Predicting reading performance from motion coherence thresholds in six- and seven-year old children. Paper presented at VSS Annual Meeting, Sarasota, Florida.
- (171) Galera C., von Grünau M.W. and Panagopoulos A. (2004). Size and orientation of the attentional spotlight affect the efficiency of processing. Paper presented at VSS Annual Meeting, Sarasota, Florida.
- (172) Panagopoulos A., Vavassis A., von Grünau M.W. and Galera C. (2004). Perceptual load of a task can inhibit the attentional capture of irrelevant visual information. Paper presented at VSS Annual Meeting, Sarasota, Florida.
- (173) de Almeida R.G., Madon Z., van de Velde C., Di Nardo J., Godfrey J. and von Grünau M.W. (2004). Verb-driven shifts of attention during sentence comprehension and dynamic scene processing. Paper presented at VSS Annual Meeting, Sarasota, Florida.

- (174) Vavassis A., Panagopoulos A., von Grünau M.W. and Galera C. (2004). Intrusive background processing and location cue usefulness are contingent upon visual search task complexity. Paper presented at BBCS Annual Meeting, St. John's, Newfoundland.
- (175) Galera C., von Grünau M.W. and Panagopoulos A. (2004). Size and shape of the attentional spotlight affect efficiency of processing. Paper presented at the Fechner Day 2004, Coimbra, Portugal.
- (176) Cavanagh P., von Grünau M.W. and Zimmerman L. (2004). View dependence of 3D recovery from folded pictures and warped 3D faces. Paper presented at the 3DPVT Conference, Tessaloniki,, Greece.
- (177) Vavassis A. and von Grünau M.W. (2004). Intrusive processing is contingent upon the perceptual load of relevant stimuli in visual search. Paper presented at the Student Research Conference of the SIGMA XI Society, Montreal.
- (178) Constantinescu I., de Almeida R., Wada N., Lacroix G. and von Grünau M.W. (2005). Effects of verb-transitivity preferences in sentence processing, using the RSVP paradigm. Paper presented at SQRP, Québec.
- (179) Di Nardo J, de Almeida R.G, Houston S. and von Grünau M.W. (2005). The interaction of linguistic and visual representations during language comprehension. Paper presented at BBCS Annual Meeting, Montreal.
- (180) Pilgrim K., and von Grünau M.W. (2005). Simulated Head Oscillations and the Discrimination of Optic Flow Speed. Paper presented at BBCS Annual Meeting, Montreal.
- (181) Vavassis, A. and von Grünau M.W. (2005). The Modulating Effect of Environmental Complexity on Visual-Spatial Attention Following Learning Under Conditions of Divided Attention. Paper presented at BBCS Annual Meeting, Montreal.
- (182) Cavallet M., Caserta G., Galera C. and von Grünau M.W. (2005). A distribuição da atenção no campo visual usando a tarefa de julgamento da ordem temporal (JOT). Paper presented at FESBE congress, Brasilia, Brazil.
- (183) Lacroix G. L., Segalowitz N., von Grünau M.W., Gurnsey R., de Almeida R.G., Borokhovski E., Wada N., & Constantinescu I. (2005). Sciences cognitives appliquées et habiletés langagières de base. Colloque DIVA : Développement, intégration et evaluation des technologies de formation et d'apprentissage. École Polytechnique de Montréal. 17 et 18 mai 2005. Montréal.
- (184) von Grünau M.W. and Pilgrim K. (2005). Velocity discrimination thresholds for flowfield motions with moving observers. Paper presented at ECVP'05 in A Coruña, Spain.

- (185) Vavassis A. and von Grünau M.W. (2005). Implicit learning of divided visual-spatial attention allocation in easy and difficult tasks. Paper presented at ECVP'05 in A Coruña, Spain.
- (186) Iordanova M. and von Grünau M.W. (2005). Post-adaptive changes in the perceived speed of radial motion flow. Paper presented at ECVP'05 in A Coruña, Spain.
- (187) de Almeida R.G., Di Nardo J. and von Grünau M.W. (2005). Paper presented at Eye Movement Conference, Zürich, Switzerland.
- (188) Vavassis, A., & von Grünau, M. W. (2005, November). Implicit learning of divided visual-spatial attention allocation in easy and difficult tasks. Poster presented at the Center for the Study of Learning and Performance (CSLP) Bi-Annual Research Fair, Montreal, QC.
- (189) von Grünau M.W., Galera C., Panagopoulos A. and Cavallet M. (2006). Exogenous attention distorts visual space and speeds up processing. Paper presented at VSS Annual Meeting in Sarasota, Fla.
- (190) Panagopoulos A., von Grünau M.W., Galera C., Ivan L. and Cavallet M. (2006). Does the strength of the attentional focus depend on the size of the cued area? Paper presented at VSS Annual Meeting in Sarasota, Fla.
- (191) Vavassis A. and von Grünau M.W. (2006). Practice-induced improvements for target detection in rapidly presented visual search displays is temporal-context dependent. Paper presented at VSS Annual Meeting in Sarasota, Fla.
- (192) Galera C., Cavallet M., von Grünau M.W., Caserta G. and Panagopoulos A. (2006). The distribution of visual attention: evidence based on temporal order judgment (TOJ) task. Paper presented at VSS Annual Meeting in Sarasota, Fla.
- (193) Desjardins S. and von Grünau M.W. (2006). Quantification et inversement de l'illusion de Duffy et Wurtz. Paper presented at ACFAS Annual Meeting, Montreal, Qué.
- (194) Lacroix, G. L., Constantinescu, I., Segalowitz, N., de Almeida, R. G., & von Grünau, M. (2006). The relation between semantic memory and the attentional blink. *47th Annual Psychonomic Society Meeting*, Houston, Texas, November 16-19, 2006.
- (195) von Grünau M.W. and Zhou R. (2007). Compensation of the effects of eye and head movements during walking and running. Paper presented at VSS Annual Meeting in Sarasota, Fla.

- (196) Vavassis A. and von Grünau M.W. (2007). Visual-spatial perceptual learning is specific to the context of trained stimulus display durations. Paper presented at VSS Annual Meeting in Sarasota, Fla.
- (197) von Grünau M.W. and Zhou R. (2007). Visual task performance with walking and running observers. Paper presented at ECVP'07 in Arezzo, Italy.
- (198) Stockall L., de Almeida R.G., von Grünau M.W., Guay A., Petropoulou A. & Sodo D. (2007). Early Compound Constituent Processing by the Two Hemispheres: Behavioral and MEG Evidence. Paper to be presented at the 13th International Morphology Meeting, Vienna, Austria.
- (199) von Grünau M.W., Engarhos P. and Bacchus Z. (2008). Motion aftereffect and motion fading: Same underlying mechanisms? Paper presented at VSS Annual Meeting in Naples, Fla.
- (200) Zhou R., Johnson A., Gurnsey R. and von Grünau M.W. (2008). Eye Movement Strategies: A Comparison between Individuals with Normal Vision and Simulated Scotomas. Paper presented at VSS Annual Meeting in Naples, Fla.
- (201) Iordanova-Maximow M. and von Grünau M.W. (2008). Visual velocity aftereffects in radial flow: inherited and unique features. Paper presented at VSS Annual Meeting in Naples, Fla.
- (202) Zhou R., Johnson A., Gurnsey R. and von Grünau M.W. (2008). Visual Performance in Normal and Simulated Low Vision. Paper presented at 9th International Conference on Low Vision, Montreal, Qué.
- (203) Zhou, R. and von Grünau, M. W. (2008). Eye movement patterns: 3D shape discrimination in the periphery. Presented at Réseau de recherche en santé de la vision, Vision Network Annual Meeting. Montréal, Québec, Canada.
- (204) Robitaille, N., Grohmann, B., Zhou, R. and von Grünau, M. W. (2009). The effects of product display organization on consumer's visual attention to attributes. Presented at Society for Consumer Psychology Annual Winter Conference.
- (205) von Grünau M.W., Manescu S., Sadi R. and Zhou R. (2009). The relationship between eye and head movements during locomotion with visual pursuit tasks. Paper presented at VSS Annual Meeting in Naples, Fla.
- (206) Zhou R., von Grünau M.W., Johnson A. and Gurnsey R. (2009). Simulated low vision with young and old adults: How do they see? Paper presented at VSS Annual Meeting in Naples, Fla.

- (207) Cavallet M., Galera C., von Grünau M.W., Panagopoulos A. and Leão E. (2009). The size of the cued area does not affect scaling of attentional focus on temporal order judgment task. Paper presented at VSS Annual Meeting in Naples, Fla.

Teaching at Concordia:

- 1988-1989: Introductory Psychology PSY 200/3 ZB
- 1989-1990: Introductory Psychology PSY 200/3 BB
Research Methods I PSY 310/4 V
- 1990-1991: Introductory Psychology PSY 200/3 BB
Sensation and Perception I PSY 349/2 A
Sensation and Perception II PSY 350/4 A
- 1991-1992: Introductory Psychology PSY 200/3 BB
Sensation and Perception I PSY 349/2 A
Sensation and Perception II PSY 350/4 A
- 1992-1993: Sensation and Perception I PSY 349/2 02
Vision SCOL 398
Sensation and Perception II PSY 350/4 02
Research Methods I PSY 310/4 YY
- 1993-1994: Sensation and Perception I PSY 349/2 02
6-months sabbatical
- 1994-1995: Sensation and Perception I PSY 349/2 51
Psychobiology of Sensation and Perception PSY 365/4 01
3 credit remission for GPD
- 1995-1996: Sensation and Perception I PSY 349/2 02
Psychobiology of Sensation and Perception PSY 365/4 01
Special Topics Seminar (PSY 603/803) (no credit) with R. Gurnsey
3 credit remission for GPD
- 1996-1997: Sensation and Perception I PSY 349/2 02
Psychobiology of Sensation and Perception PSY 365/4 01
3 credit remission for GPD
- 1997-1998: Vision SCOL 398

6-months sabbatical

- 1998-1999: Sensation and Perception I PSYC 349/4 51
Sensation and Perception II PSYC 350/4
3 credit remission for Comprehensive Exams Coordinator
- 1999-2000: Special Topic Seminar PSYC 603/803/2 I
From Neurons to Consciousness SCOL 298C/4
- 2000-2001: Advanced Experimental Psychology PSYC 400/3 51
From Neurons to Consciousness SCOL 298C/4
6 credit remission for Principal, Science College
- 2001-2002: Advanced Experimental Psychology PSYC 400/3 51
6 credit remission for Principal, Science College
- 2002-2003: Advanced Experimental Psychology PSYC 400/3 51
6 credit remission for Principal, Science College
- 2003-2004: Advanced Experimental Psychology PSYC 400/3 51
6 credit remission for Principal, Science College
- 2004-2005: PhD Seminar II PSYC 802
3 credit remission for Principal, Science College
6 month sabbatical
- 2005-2006: Vision SCOL 350
PhD Seminar II PSYC 802
Psychobiology of Sensation & Perception PSYC 365
6 credit remission for Principal, Science College
- 2006-2007: Sensation & Perception I PSYC 349
Sensation & Perception II PSYC 350
6 credit remission for Principal, Science College
- 2007-2008: Sensation & Perception I PSYC 349
Psychobiology of Sensation & Perception PSYC 365
6 credit remission for Principal, Science College
- 2008-2009 Sensation & Perception I PSYC 349
PhD Research Seminar I PSYC 801 + Comprehensives Coordinator
6 credit remission for Principal, Science College

Student supervision at Concordia:

a) Graduate Student supervision:

M.A. :

- | | |
|---|--|
| 1991 - 1993 : Michelle Kwas | <i>The importance of the type and amount of depth in the disambiguation of motion signals.</i> |
| 1994 - 1996 : Marta Iordanova | <i>Active allocation of attention and the motion induction effect.</i> |
| 1996 - 1998 : Armando Bertone | <i>Comparison of dynamic and static MAE for 1st and 2nd order stimuli at different eccentricities.</i> |
| 1998 - 1999 : Wafa Sakr (with F. Haghighat) | <i>Development of an artificial nose</i> |

M.Sc.

- | | |
|-------------------------------------|---|
| 1999 - 2001 : Nancy Wada | <i>A motion trajectory illusion and its relation to induced motion and smooth pursuit eye movements.</i> |
| 1999 - 2001 : Caroline van de Velde | <i>Monitoring eye movements to uncover the role of visual context in the access to verb-complement information during sentence comprehension.</i> |
| 2001 – 2003 : Afroditi Panagopoulos | <i>Visual search in rich environments.</i> |
| 2005 – 2007: Angela Vavassis | <i>Perceptual learning specificity to the trained context of stimulus display durations in difficult visual discriminations.</i> |
| 2007 – in progress: Rong Zhou | <i>Eye movement patterns in simulated and actual Macular Degeneration.</i> |

Ph.D.:

- | | |
|--|---|
| 1994 - 1996 : André Masson (with R. Gurnsey) | <i>The effect of aging and visual impairments on spatio-temporal sensitivity.</i> |
| 1990 - 1998 : Stéphane Dubé | <i>Comparison of static and dynamic facial expressions.</i> |
| 1993 - 1999 : Michelle Kwas | <i>Long-lasting motion aftereffects: Implications for underlying mechanisms.</i> |
| 1999 – 2007: Anne-Sophie Del Vecchio | <i>The effect of visual active selection on the modulation of the motion aftereffect for first- and second-order motion components.</i> |
| 1996 – 2008: Marta Iordanova | <i>Asymmetries in speed discrimination in global and local stimuli.</i> |
| 2001 – 2008 : Caroline van de Velde | <i>Sentence comprehension and dynamic scene processing.</i> |
| 2003 – in progress: Afroditi Panagopoulos | <i>Splitting the attentional spotlight.</i> |
| 2007 – in progress: Angela Vavassis | <i>To be determined.</i> |

b) Honor's, Advanced Exptl. theses, Science College projects:

1990/91: Belinda Ng

Mary Laliotis

Are faces special? The effects of facial configuration in a visual search task.
The effects of facial expressions on perceived judgements of physical attractiveness.

1991/92: Rudy Morselli

Christina Anston

Nathalie Lalumière

The role of facial feature size and expression in perceived facial attractiveness.
The efficiency of the human perceptual system in detecting direction of gaze: The stare-in-the-crowd effect.
The effects of figural symmetry on similarity in visual search tasks.

1992/93: Rick Mucciacciaro

Zeina Saikali (Science College)

Accuracy of step execution onto a riser when seen from a distance depends on height.
Processing speed in the motion induction effect.

1993/94: Lyne Racette

Interaction between attentional and luminance factors in the motion induction effect.

1994/95: Hana Leiba

David Gold

Deborah Harrison (Science College)

The attentional size illusion.
The counter-phase stimulus: A new procedure for evaluating the motion aftereffect to uni- and bi-vectorial motion.
No visual field anisotropies for the perception of coherent motion.

1995/96: Armando Bertone

Marc Hazanavicius

Nadia Carta (Science College)

Sheena Thiel (Science College)

Patrick Lim Soo (Science College)

Pouya Pakneshan (Science College)

The effect of selective attention instruction on the motion aftereffect of a transparent plaid.
Measuring the motion induction effect with a counterphase grating bar.
A motion aftereffect for the motion induction effect
Preliminary evidence for a transient coherence mechanism.
The effect of practice on switching with bistable stimuli.
Selective attention and the transparent plaid motion aftereffect.

1996/97: Diane Soroka

Captured and directed attention in normal and dyslexic subjects.

Danuta Rajska	<i>The transient nature of motion induction.</i>
<u>1997/98:</u> Caroline van de Velde	<i>Using the motion induction effect to assess captured and directed attention in different parts of the visual field.</i>
Sandy Somekh	<i>Does the motion aftereffect of plaids result from adaptation of high or low level systems?</i>
Chris Ng (Science College)	<i>Motion integration at short exposure times.</i>
Philip Kakouratos (Science College)	<i>Is early motion integration due to M pathway?</i>
Melodee Mograss	<i>Is attribute priming a function of physical or perceived brightness?</i>
Paula Lorimer (Science College)	<i>Induced brightness and motion induction.</i>
<u>1998/99:</u> Maria Cisneros (Science College)	<i>Local and global factors in looming.</i>
Brian Ouellette	<i>Global processing of an optic flow pattern: MAE.</i>
Mayra Solis (Science College)	<i>Global MAE for looming.</i>
<u>1999/00:</u> Forouzan Mobayyen	<i>Global motion processing and position accuracy in reading</i>
Sara Corkerton	<i>The effect of smooth pursuit on global motion processing</i>
Lilia Antonova (Science College)	<i>Spatial integration with looming stimuli</i>
<u>2000/01:</u> David di Lenardo (Science College)	<i>Does attention to pursued objects reduce flow field perception?</i>
Alexandra Urbanska (Science College)	<i>The temporal course of spatial integration in radial flowfields.</i>
Afroditi Panagopoulos	<i>Location cueing and segmentation in visual search</i>
<u>2001/02:</u> Olga Savina	<i>Visual search and location cueing.</i>
Marie Pham (Science College)	<i>Hysteresis in the perception of motion transparency.</i>
<u>2002/03:</u> Francesco Maltese	<i>Interaction of radial and circular flowfields</i>
Landrew MacKinnon (Science College)	<i>MAE and IOT in flowfields</i>
Sobia Virk (Science College)	<i>Coherence and lifetime determining MAE and IOT in flowfields</i>
Raphaël Micone (Science College)	<i>Relationship between motion thresholds and spatial localization</i>
<u>2003/04:</u> Kamala Pilgrim	<i>Velocity estimates of locomotion-produced flow fields</i>
Philippe Papillon-Smith (Science College)	<i>Localization of various MAEs</i>

- 2004/05: Angela Vavassis *The modulating effect of environmental complexity on visual-spatial attention under conditions of divided attention*
- Xu Fei (Science College) *Discrimination of optical flow speed due to different object sizes*
- 2005/06: Ilenna Vuong (Science College) *Measuring the cue size effect*
- Dania Adamuszek *Influence of emotional state on change blindness*
- Laura Ivan *Distribution of attentional resources within a cue*
- Liliane Chamas (Science College) *Apparent spatial frequency with exogenous attention*
- 2006/07: Adam Beach (Science College) *Velocity discrimination thresholds in the upper and lower visual fields with moving observers*
- Anthony Paventi *The cue size effect in endogenous attention*
- Charles Bourbeau *The cue size effect in exogenous attention*
- 2007/08: Paraskevi Engarhos *Inter-ocular transfer in motion fading.*
- Zorina Bacchus *Spatial and temporal parameters of motion fading.*
- 2008/09: Ravit Sadi *Vertical head and eye movements in response to visual pursuit during locomotion*
- Simona Manescu *Horizontal head movements in response to visual pursuit during locomotion*
- Abdelhac Saddiki (Science College) *The effect of attention on motion in the center and the periphery*
- 2009/10: Tomas Matthews *Attention and the Duffy/Wurtz illusion*
- c) Research Methods students:**
- 1994/95: Suzanne Viau *Adaptation to facial expressions.*
- 1995/96: Luigi Riscaldino *Attention and 2nd-order MAE.*
- 1996/97: Dina Kavada *Visual processes in conjunction search tasks.*
- Stephanie Amram *The effects of different display sizes on target detection in a conjunction search.*
- 1998/99: F. Mobayyen & F. Sesikye *The effect of dot lifetime on looming.*
- S. Deria & S. Phillips *The effect of exposure time on looming.*
- 1999/00: J. Chiasson & R. Zaheer-Ruddin *Local and global MAE for radial flowfields*
- 2003/04: A. Vavassis *Perceptual load and the attentional spotlight*
- 2004/05: L. Ivan *Storage of static and dynamic MAEs*
- 2006/07: Anthony Paventi *Do cue and test properties interact in exogenous attention?*
- Rawan Ajlani *MAE and motion fading: Same or different Mechanisms?*
- 2007/08: Ravit Sadi *Translational and pitch head movements in walking and running observers.*

d) Summer NSERC Fellowship students:

1991: Erika Franz
Francine Cohen
1992: Christine Laurent
1999: Brian Ouellette
2003: Craig Richter
Zinnia Madon (with R. de Almeida)
2004: Angela Vavassis
2005: Angela Vavassis
2007: Paraskevi Engarhos

List of Committees:

1989/90 Curriculum Committee (member)

1990/91 Curriculum Committee (member)
Space Committee (member)
Computer Resources Committee (member)
Subcommittee on Graduate Student Selection (member)
Subcommittee on the Restructuring of Research Methods (chair)

1991/92 Curriculum Committee (member)
Space Committee (member)
Computer Resources Committee (member)
Subcommittee on Graduate Student Selection (member)
Subcommittee on the Restructuring of Research Methods (chair)
Search Committee for the Perception/Cognition position (member)

1992/93 Curriculum Committee (member)
Advisory Committee (member)
Computer Resources Committee (member)
Colloquium Committee (chair)
General Research Fund Committee, Sciences (Faculty; member)
Fellow, Science College

1993/94 Curriculum Committee (member)
Advisory Committee (member)
Computer Resources Committee (member)
Colloquium Committee (chair)
General Research Fund Committee, NSERC (Faculty; member)
Fellow, Science College

- 1994/95** Ph. D. Program Director
 Graduate Committee (chair)
 Colloquium Committee (chair)
 DS Space Committee (member)
 Director's Circle (member)
 NSERC Fellowships, Internal Committee (Faculty; member)
 Subcommittee on Graduate Student Selection (chair)
 Fellow, Science College
- 1995/96** Ph. D. Program Director
 Graduate Committee (chair)
 Colloquium Committee (chair)
 DS Space Committee (member)
 Director's Circle (member)
 NSERC Fellowships, Internal Committee (Faculty; member)
 Subcommittee on Graduate Student Selection (chair)
 Fellow, Science College
- 1996/97** Ph. D. Program Director
 Graduate Committee (chair)
 Colloquium Committee (chair)
 DS Space Committee (member)
 Subcommittee on Graduate Student Selection (chair)
 Fellow, Science College
- 1997/98** Colloquium Committee (chair)
 DS Space Committee (member)
 Fellow, Science College
 NSERC Fellowships, Internal Committee (Faculty; member)
 6-months sabbatical
- 1998/99** Comprehensive Exams Coordinator
 Colloquium Committee (chair)
 Personnel Committee (member)
 Search Committee for Perception/Cognition position (chair)
 DS Space Committee (member)
 Ad-hoc committee on frais indirects (member)
 Fellow, Science College
- 1999/00** Comprehensive Exams Coordinator
 Colloquium Committee (chair)
 Personnel Committee (chair)
 DS Space Committee (member)

	Fellow, Science College
2000/01	Comprehensive Exams Coordinator DS Space Committee (member) Principal, Science College Search Committee for CIHR chairs (member) Advisory Committee (member) Ethics Committee (member)
2001/02	DS Space Committee (member) Principal, Science College Search Committee for CIHR chairs (member) Advisory Committee (member) Ethics Committee (member) Search Committee for cognitive science position (member)
2002/03	DS Space Committee (member) Principal, Science College Search Committee for CIHR chairs (member) Ethics Committee (member)
2003/04	Principal, Science College Ethics Committee (member) Concordia Sustainability Project Advisory Committee (member) Personnel Committee (member) CSLP member and theme leader (Basic Processes)
2004/05	Principal, Science College Concordia Sustainability Project Advisory Committee (member) Personnel Committee (member) CSLP member and theme leader (Basic Processes) 6-month sabbatical
2005/06	Principal, Science College Concordia Sustainability Project Advisory Committee (member) University NSERC Fellowship Committee (member) Hiring Committee Co-chair CSLP member and theme leader (Basic Processes)
2006/07	Principal, Science College Concordia Sustainability Project Advisory Committee (member) University NSERC Fellowship Committee (member) CSLP member and theme leader (Basic Processes) Distinguished Professor Emeritus Committee

- 2007/2008** Principal, Science College
 University NSERC Fellowship Committee (member)
 CSLP member and theme leader (Basic Processes)
 Distinguished Professor Emeritus Committee
 Departmental Ethics Committee
- 2008/2009** Principal, Science College
 CSLP member and theme leader (Basic Processes)
 Departmental Ethics Committee

Colloquia (since June 1, 1989):

- June 22, 1989: "Extrastriate Motion". Depto. de Psicologia, Universidade de São Paulo, Ribeirão Preto, S.P., Brazil.
- July 31, 1989: "Preattentive Visual Processing". Depto. de Psicologia, Universidade Federal de Pernambuco, Recife, PE, Brazil.
- August 25, 1989: "Psychophysical Investigations of the Motion Stream". Depto. de Neurobiologia, Universidade Federal de Rio de Janeiro, Rio de Janeiro, R.J., Brazil.
- February 26, 1991: "From features to faces: Tracing visual processes from the outside". CUPA Colloquium Series, Dept. of Psychology, Concordia University.
- July 3, 1992: "Percepção de movimentos complexos". Depto. de Psicologia, Universidade Federal de Pernambuco, Recife, PE, Brazil.
- July 6, 1992: "A relação entre a percepção e a neurofisiologia". Depto. de Psicologia, Universidade Federal de Pernambuco, Recife, PE, Brazil.
- May 11, 1994: "Estratégias de processamento no systema visual". Depto. de Psicologia, Universidade de São Paulo, Ribeirão Preto, S.P., Brazil.
- May 13, 1994: "Processamento de movimento complexo". Depto. de Psicologia, Universidade de São Paulo, Ribeirão Preto, S.P., Brazil.
- May 19, 1994: "Níveis de facilitação demonstrados pela indução de movimento". Depto. de Psicologia, Universidade de São Paulo, Ribeirão Preto, S.P., Brazil.
- April 21, 1995: "Motion induction and attentional facilitation". Dept. of Electrical Engineering, McGill University, Montréal, Qué.
- March 29, 1996: "Attentional modulation of motion processing". Dept. of Psychology, Université de Montréal, Montréal, Qué.
- December 18, 1996: "Selective attention and the bivectorial motion aftereffect". Depto. de Psicologia, Universidade de São Paulo, Ribeirão Preto, S.P., Brazil.
- March 13, 1998: "Visual psychophysics and the brain: Attending to motion and moving attention". Department of Psychology, UQAM, Montréal, Qué.
- April 24, 1998: "Living with motion aftereffects: past, present and future.". Journée Scientifique, GRENE, Université de Montréal, Montréal, Qué.

- July 10, 1998: "Attentional selection: One kind or many?" Vision Research Center, Department of Ophthalmology, McGill University, Montreal, Qué.
- August 21, 1998: "Dynamic motion aftereffects: From phi to attention and looming" Department of Psychology, University of Wales, Bangor, Wales.
- December 4, 2000: "Transparent motion: Localization and interaction", École d'optométrie, Université de Montreal, Montreal, Qué.
- September 12, 2002: "Looking back: Was it all an illusion?" Department of Psychology, Concordia University, Montreal, Qué.
- November 21, 2003: "Motion and locomotion: How robust is radial flowfield information?" Centre de neuroscience de la cognition (CNC), Université du Québec à Montréal, Québec.
- February 24, 2005: "Characteristics of the attentional spotlight". Depto. de Psicologia, Universidade de São Paulo, Ribeirão Preto, S.P., Brazil.
- January 24, 2009: "The Magic of Illusions". Open House at Concordia University, Montreal, Qué.
- January 26, 2009: "Vision on the go: What we see when we run". Sigma Xi Society Lecture, McGill University, Montreal, Qué.
- May 29, 2009: "Vision on the go: Seeing while running". Invited talk at the annual meeting of the Réseau de la vision, Montreal, Qué.

Collaborations:

- Dr. Jocelyn Faubert:** École d'optométrie, Université de Montréal, Montreal, Qué.
Attention and motion, MAE, Looming perception, Aging.
- Dr. Christian Casanova:** École d'optométrie, Université de Montréal, Montreal, Qué.
Complex motion perception in pulvinar/extrastriate system in cat. Looming.
- Dr. Cesar Galera:** Departamento de Psicologia, Universidade de São Paulo at Ribeirão Preto in Ribeirão Preto, S.P., Brazil.
Visual search. Reaction time.
- Dr. Debbie Giaschi:** Department of Ophthalmology, University of British Columbia, Vancouver, B.C.
Attentional processing in developmental dyslexia.
- Dr. Ruxandra Sireteanu:** Neurophysiology, Max-Planck-Institut für Hirnforschung, Frankfurt/M, Germany.
Attentional size illusion.
- Dr. Fariborz Haghighat:** Center for Building Science, Concordia University, Montreal, Qué.
Development of an artificial nose.
- Dr. Maria-Lucia Simas:** Departamento de Psicologia, Universidade Federal de Pernambuco, Recife, PE, Brazil.
Early temporal visual channels. Dynamic facial expressions.

I have been Professeur Associé (Adjunct Professor) in the Psychology Dept. at Université de Montréal since July 1985 until 2003, which involved some project supervision and evaluation.

Other professional activities:

- Reviewer for journals such as Perception & Psychophysics, Spatial Vision, Vision Research, Canadian Journal of Psychology, Perception, Visual Neuroscience, JEP: HPP, Neuropsychologia, Brazilian Journal of Medical and Biological Research.
- Consulting Editor for JEP:HPP (1999 – present).
- Referee for NSERC, CIHR, NIH, FCAR and FRSQ grants.
- Referee for CPA and SQRP submissions.
- Guest host at ChromaFest '90 at Psychology Dept., Harvard University and MIT Media Lab.
- Member of the Organizing Committee for SQRP Congress in Nov. 1990.
- External Examiner (Ph.D. etc):
 - Dec. 1992: D. Giaschi (York University)
 - May 1994: Driscoll (U. of Western Australia)
 - Sept. 22, 1994: L. Symons (U. of Western Ontario)
 - Nov. , 1997: E. Tardif (U de Montreal)
 - Oct. 6, 1998: R. Demanins (McGill)
 - June 11, 1999: L. Merabet (U de Montreal)
 - Sept. 8, 2000: A. Ptito (MNI, promotion)
 - Jan. 9, 2002: I. Boutet (McGill)
 - Jan. 17, 2002: B. Ouillette, (Université de Montréal), M.Sc
 - Nov. 21, 2002: C. Habak (U de Montreal)
 - May 20, 2003: F. Poirier (Queen's University)
 - July 27, 2003: M. Arguin (U de Montreal, promotion)
 - March 12, 2004: W. Sakr (PhD, Fac. of Engineering)
 - Feb. 25, 2005: J. Rossini (PhD, USP Brazil)
 - June 9, 2006: C. Lefebvre (PhD, Université de Montréal)
 - Oct. 10, 2006: S. Desjardin (PhD, UQAM)