

Curriculum Vita

Richard Walter James Neufeld

Personal Data

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Education:

Senior Matriculation: Lethbridge College Institute, Alberta
Bachelor of Arts: University of Alberta, 1964-1967
Master of Science: University of Calgary, 1968-1970
Ph.D.: University of Calgary, 1970-1972

Positions Held:

Assistant, Associate, Full Professor: Department of Psychology, University of Western Ontario, 1972–

Professor of Psychology and Director: Doctoral Training Program in Clinical and Community Psychology, Simon Fraser University, 1978

Professor: Department of Psychiatry, University of Western Ontario, 1991- (Cross-appointment)

Chairman: Doctoral Training Program in Clinical Psychology and Experimental Psychopathology, University of Western Ontario, 1977-1978.

Director: Applied Psychology Program, University of Western Ontario, 1983

Co-Director: Doctoral Training Program in Clinical Psychology, University of Western Ontario, (APA and CPA Accredited), 1991

Member: Neuro-Psychiatry Division, Faculty of Medicine, University of Western Ontario, 2001–

Core Faculty Member: Neuroscience Program, University of Western Ontario, 2003-
Co-Director/Director: Doctoral Training Program in Clinical Psychology, University of Western Ontario (APA and CPA Directed, 2003-2004

Current Research Interests and Funding:Content:

Cognitive deficit in schizophrenia; Stress susceptibility among psychiatric patients; Human stress and coping; Functional and spectroscopy Magnetic Resonance Imaging in schizophrenia and post-traumatic stress disorder; Stochastic mathematical-modeling informed in psychopathology, and stress-and-coping research.

Methodology:

Quantitative methods for applied behavioural science
Mathematical-model development and testing in applied settings

Funding:***Medical Research Council of Canada:*** "Parameters of schizophrenic cognitive deficit"

1973-74:	\$ 5,500	1976-77:	\$12,562	1980-83:	\$103,589
1974-75:	\$ 9,045	1977-79:	\$35,560	1983-87:	\$199,681
1975-76:	\$12,000	1979-80:	\$27,300	1987-90:	\$152,249
				1990-93:	\$161,295

Medical Research Council of Canada: "Development of a thought disorder questionnaire" (with E.M. Waring) 1989-91: \$42,000***Canadian Institutes of Health Research (formerly Medical Research Council of Canada):***

"Candidate neuronal circuits in schizophrenia" (with P. Williamson and Dick Drost [Co-Principal Investigators])

1996-99:	\$321,942	1999-2002:	\$360,336	2002-07:	\$598,359
2007-12:	\$569,075				

Canadian Institutes of Health Research: (Multi-User Equipment Grant)

"Zero-Tesla Magnet: A simulated fMRI facility" (with M. Goodale [Principal Investigator] and others) 1998-2001: \$45,000

Canadian Institutes of Health Research: "Zero-Tesla Magnet: A simulated fMRI facility" (Maintenance Grant with M. Goodale [Principal Investigator] and others)

1998-2001: \$49,541

Canadian Institutes of Health Research: "Neuronal circuitry in posttraumatic stress disorder" (with R. Lanius [Principal Investigator] and others) 2001-04: \$195,200***Canadian Institutes of Health Research:*** "Stress, trauma and recovery: Early stage studies" (New Emerging Team Grant with N. Coupland [Principal Investigator] and others)

2003-08: \$1,031,230

Canadian Institutes of Health Research: "Neuroimaging of pain in posttraumatic stress disorder and borderline personality disorder"

(with R. Lanius [Principal Investigator] and others) 2005-08: \$231,327

Department of National Defense Canada: "A biological marker of PTSD: A fMRI study in Canadian Forces Personnel with PTSD" (with R. Lanius [Principal Investigator] and others) 2003-2005: \$144,000

Funding (cont'd)

National Health and Research Development Program: "Evaluation of a stress management program for individuals with schizophrenia"
(R. Norman, A. Malla, R.W.J. Neufeld et al.) 1995-97: \$24,910

National Research Council of Canada: "Perception of stressor stimuli"
1972-74: \$3,500

Natural Sciences and Engineering Research Council of Canada (Internal): "Empirical tests of formal models of stress effects on cognitive efficiency" 1991: \$3,500

Natural Sciences and Engineering Research Council of Canada:
"Formal models of information processing under stress" 1995-2000: \$56,500

Ontario Mental Health Foundation: "Evaluation of a stress management program for individuals with schizophrenia" (R. Norman, A. Malla, R.W.J. Neufeld et al.)
1997-99: \$120,000

Scottish Rite Schizophrenia Research Program: "Mediators of the stress-psychosis relations in schizophrenia: The possible role of working memory" (R. Norman, A. Malla, R.W.J. Neufeld, N. Rajakumar, D. Vollick) 1997-99: \$90,540

Social Sciences and Humanities Research Council of Canada: "Cognitive mechanisms in stress reaction"; "Coping with stress through decisional control: Tests of formal and quasi-formal models"

1974-76: \$21,473 1983-87: \$141,306 2001-2004: \$127,453

1976-77: \$15,510 1987-88: \$ 37,199 2004-2007: \$120,000

1977-78: \$19,996 1992-95: \$ 92,154 2007-2010: \$ 83,645

1979-81: \$46,396 1995-98: \$ 90,000

1981-83: \$61,595 1998-01: \$ 93,259

Social Sciences and Humanities Research Council of Canada:

Travel Grant to Annual Summer Interdisciplinary Conference in Cognitive Science
(Squamish, B.C.) 2002: \$2,034

Social Sciences and Humanities Research Council of Canada:

Travel Grant to American Psychological Society 16th Annual Convention: Invited Paper
(Chicago, IL) 2004:\$1,040

Travel Grant to Society for Mathematical Psychology
(Vancouver, B.C.) 2006: \$1,500

Travel Grant to Annual Summer Interdisciplinary Conference in Cognitive Science
(Kalymnos, Greece) 2007: \$1,000

Workplace Safety and Insurance Board: "Stress, trauma and recovery in the workplace: Early stage studies" (with R. Lanius [Principal Investigator] and others) 2003-05: \$300,000

Upjohn London Neurosciences Program: "Stress, anxiety, and cognition: Deciphering the sources of efficiency and deficiency" 1991-92: \$15,000

Upjohn London Neurosciences Program: "The influence of stress and moderator variables on psychotic and prodromal symptoms in schizophrenia" (with A. Malla, R. Norman, & P. Williamson) 1991-92: \$40,000

Funding (cont'd)

Canadian Health Services Research Foundation: "Help - I need somebody: The experiences of families seeking treatment for children with psychosocial problems and the impact of delayed or deferred treatment" (with G.J. Reid [Principal Investigator] and others)

2003-05: \$200,000

Awards and Scholarships:

- 1965-67: University of Alberta First-Class Standing Prize
- 1969-70: National Research Council Bursary
- 1970-72: Canada Council Doctoral Fellowship
- 1971-72: University of Calgary Graduate Faculty Merit Award
- 1971: Canada Council Travel Allowance
- 1978-79: Canada Council Leave Fellowship (Declined), 1/4 salary and \$2,500 research expenses
- 1980-81: Social Sciences and Humanities Research Council Leave Fellowship (SSHRC): 1/4 salary and \$2,500 research allowance)
- 1982: SSHRC International Travel Award, \$1,600
- 1983: SSHRC International Travel Award, \$1,847
- 1983: SSHRC Research Time Stipend, \$18,118
- 1987: SSHRC International Travel Award, \$1,000
- 1988: Medical Research Council Applied Psychology Unit, Cambridge, U.K., Visiting Scholar
- 1989-90: University of Western Ontario Faculty of Social Science Research Professorship (Teaching release and \$5,000 research stipend)
- 1990: Irvine Research Unit in Mathematical Behavioral Sciences, University of California, Irvine, Visiting Professor (spring)
- 1992: Joey & Toby Tannenbaum Schizophrenia Research Distinguished Scientist Award; awarded by the Canadian Psychiatric Research Foundation (\$50,000), first psychologist recipient
- 1995-97: Ontario Mental Health Foundation Senior Research Fellowship, \$57,000
- 1998-2000: Ontario Mental Health Foundation Senior Research Fellowship, \$57,720
- 2000-2001: Ontario Mental Health Foundation Senior Research Fellowship, \$28,860 [Maximum 5-year Fellowship duration, including 2 peer-reviewed renewals, interrupted by sabbatical during 1997-98]

Applied Experience:

- 1967: Alberta Government Clinical Internship, Alberta Mental Hospital, Ponoka
- 1968: Alcoholism Counsellor, Division of Alcoholism, Alberta, Government Department of Health
- 1970-71: Department practicum requirements in Psychiatric Ward of Calgary Foothills Hospital
- 1975-76: Consultant, Department of Psychology, University Hospital, London, Ontario

Departmental and University Administrative Committee Membership:

Psychology Promotion & Tenure Committee: 1976-77; 1977-78; 1981-82; 1982-83; 1984-86
Psychology New Appointments Committee: 1977-78; 1981-82; 2002-2003
Psychology Nominating Committee: 1984-85
Psychology Resource Personnel & Planning: 1981-82
Psychology Chairman Selection Committee: 1979-80; 1982-83; 2007
University Career Health Scientist Selection Committee: 1980-83
Social Sciences Ethics Review Committee, 1986-87
Physical Therapy M.Sc.-Program-Application Evaluation Committee: 1986-87
NSERC Faculty-of-Graduate Studies Student Awards Committee: 1985-87
Faculty of Social Science Department of Economics Chairman Selection Committee: 1991-92
Chairman, Clinical Psychology Program Departmental Ph.D. Comprehensive Committee:
2000-2003
Departmental Space Committee: 2000-2001

Scientific Organizations and Editorial Activities:

1979-80: Editorial Board, *Canadian Journal of Behavioural Science*
1981-86: Associate Editor, *Canadian Journal of Behavioural Science*
1994-96: Editorial Board, *Psychological Assessment*
1997-2003: Associate Editor, *Psychological Assessment* (American Psychological
Association Journal of clinical-assessment technology)
1976-95: London Psychiatric Hospital Research Committee
1976-80: Medical Research Council of Canada Grants Selection Committee,
Behavioural Sciences
1979: Site Visit Committee Chairman, Medical Research Council capital equipment
grant application, program in medical psychophysics,
Dalhousie University
1982-86: Medical Research Council of Canada Grants Selection Committee,
Behavioural Sciences
1990-94: Medical Research Council of Canada Scientist Awards Committee
1984: Canadian Psychological Association Report Committee on Contributions of
Psychology (as a Clinical Science) to Society (Opinion II)
1985-86: Social Sciences and Humanities Research Grants Selection Committee,
Psychology
1987: Ontario Mental Health Foundation Planning Committee
1987-90: Chairman, Ontario Mental Health Foundation Planning and Priorities Committee
1989-93: Chairman, Member and Vice Chairman, Board of the Ontario Mental Health
Foundation (June 1989 to February 1993)
1987-92: Member, Examination Committee, American Association of State Psychology
Boards

Scientific Organizations and Editorial Activities: (cont'd)

- 1990-92: Chairman, Examinations Subcommittee on Academic Standards, Association of State and Provincial Psychology Boards
1994: Charter Member: American Board of Assessment Psychology, Fellow: American Academy of Assessment Psychology

Scientific Organizations and Editorial Activities: (cont'd)

- 2002: Doctoral-Fellowships Selection Committee, Cognitive-Sciences; Social Science and Humanities Research Council of Canada
2002: Doctoral-Fellowships Review Panel, Cognitive-Sciences; Social Science and Humanities Research Council of Canada
2005- Member: Advisory Committee on Scientific Affairs, Canadian Psychological Association
2007- Member: Editorial Advisory Panel, Oxford University Press

Professional Affiliations:

American Psychological Association: Division 12, Clinical
Canadian Psychological Association: Fellow
Ontario College of Psychology: Registration
Society for Mathematical Psychology
Society for Research in Psychopathology
Society for Nonlinear Dynamical Systems Theory in Psychology and the Life Sciences
Diplomate: American Board of Assessment Psychology

PUBLICATIONS

Neufeld, R.W.J. (1970). Generalization of results beyond the experimental setting: Statistical versus logical considerations. *Perceptual and Motor Skills*, 31, 443-446.

Neufeld, R.W.J. (1970). The effect of experimentally altered cognitive appraisal on pain tolerance. *Psychonomic Science*, 20, 106-107.

Neufeld, R.W.J., & Davidson, P.O. (1971). The effects of vicarious and cognitive rehearsal on pain tolerance. *Journal of Psychosomatic Research*, 15, 329-335. (Reprinted in 1 other source)

Neufeld, R.W.J. (1972). Multidimensional scaling of perceived interests of three student stereotypes. *Perceptual and Motor Skills*, 34, 511-514.

Neufeld, R.W.J., & Davidson, P.O. (1972). Scaling of the Subjective Stress Scale with a sample of university undergraduates. *Psychological Reports*, 31, 821-822.

Neufeld, R.W.J., Rogers, T.B., & Costello, C.G. (1972). Comparison of measures of depression by the experimental investigation of single cases. *Psychological Reports*, 31.

Neufeld, M.M., & Neufeld, R.W.J. (1973). Use of video-tape feedback in swimming instruction with emotionally disturbed children. *Perceptual and Motor Skills*, 35, 992.

Neufeld, R.W.J. (1973). Semantic dimensionality of the Subjective Stress Scale. *Psychological Reports*, 33, 885-886.

Davidson, P.O., & Neufeld, R.W.J. (1974). Response to pain and stress: A multivariate analysis. *Journal of Psychosomatic Research*, 18, 25-32. (Reprinted in 2 other sources)

Neufeld, R.W.J., & Davidson, P.O. (1974). Dimensionality of subjective responses to complex aversive stimuli. *Canadian Journal of Behavioural Science*, 6, 258-269.

Neufeld, R.W.J., & Davidson, P.O. (1974). Sex differences in stress responses: A multivariate analysis. *Journal of Abnormal Psychology*, 83, 178-185.

Neufeld, R.W.J. (1975). Multidimensional scaling of schizophrenics' and normals' perceptions of verbal similarity. *Journal of Abnormal Psychology*, 84, 498-507.

Neufeld, R.W.J. (1975). Effects of cognitive appraisal on d' and response bias to experimental stress. *Journal of Personality and Social Psychology*, 31, 735-743.

Neufeld, R.W.J. (1976). Evidence of stress as a function of experimentally-altered appraisal of stimulus aversiveness and coping adequacy. *Journal of Personality and Social Psychology*, 33, 632-646.

Neufeld, R.W.J. (1976). Simultaneous processing of multiple stimulus dimensions among paranoid and nonparanoid schizophrenics. *Multivariate Behavioral Research*, 4, 425-442.

Neufeld, R.W.J. (1976). Relationship between conceptual judgments and stimulus dimensions among schizophrenics and normals. *British Journal of Social and Clinical Psychology*, 15, 85-91.

Broga, M., & Neufeld, R.W.J. (1977). Dimensions of thinking among process and reactive schizophrenics. *Psychological Record*, 2, 265-277.

Jessup, B., & Neufeld, R.W.J. (1977). Effects of biofeedback and "autogenic relaxation" techniques on physiological and subjective responses in psychiatric patients. A preliminary analysis. *Behavior Therapy*, 160-167. (Reprinted in 1 other source)

Lefave, MK., & Neufeld, RWJ. (1977). Effect of stimulus context and repeated aversive visual stimulation on the cardiac correlate of attention. *Perceptual and Motor Skills*, 44, 215-221.

Neufeld, R.W.J. (1977). *Clinical quantitative methods*. New York: Grune & Stratton. (200 pp.). [*Contemporary Psychology Review*: Kowalski, C.J. That's showing those clinicians. *Contemporary Psychology*, 1978, 23, 812-813.]¹

Neufeld, R.W.J. (1977). Components of processing deficit among paranoid and nonparanoid schizophrenics. *Journal of Abnormal Psychology*, 86, 60-64.

Neufeld, R.W.J. (1977). Response selection processes in paranoid and nonparanoid schizophrenia. *Perceptual and Motor Skills*, 44, 499-505.

Neufeld, R.W.J., & Broga, M.I. (1977). Relations between diagnostic-demographic variables and thought-disorder symptomatology among process schizophrenic patients. *Multivariate Experimental Clinical Research*, 3, 133-145.

Neufeld, R.W.J., & Thomas, P. (1977). Effects of perceived efficacy of a prophylactic controlling mechanism on self-control under pain stimulation. *Canadian Journal of Behavioural Science*, 9, 224-232.

Neufeld, R.W.J. (1978). Paranoid and nonparanoid schizophrenics' deficit in the interpretation of sentences: An information-processing approach. *Journal of Clinical Psychology*, 34, 333-339.

Neufeld, R.W.J. (1978). Veridicality of cognitive mapping of stressor effects: Sex differences. *Journal of Personality*, 3, 85-121.

Dobson, K., & Neufeld, R.W.J. (1979). Stress-related appraisals: A regression analysis. *Canadian Journal of Behavioural Science*, 11, 275-285.

Jessup, B.A., Neufeld, R.W.J., & Merskey, H. (1979). Biofeedback therapy for headache and other pain: An evaluative review. *Pain*, 7, 225-270.

Dobson, D., & Neufeld, R.W.J. (1980). Relationship between the Whitaker Index of schizophrenic thinking and intelligence in paranoid and nonparanoid schizophrenics. *Journal of Consulting and Clinical Psychology*, 48, 92-94.

¹Adjunct Technical Report: Neufeld, R.W.J. (1976). Some consequences of opting for null-range hypothesis testing of experimental data. Department of Psychology Research Bulletin No. 356. London, ON: University of Western Ontario.

Jessup, B.A., Neufeld, R.W.J., & Merskey, H. (1980). Biofeedback therapy for headache and other pain: Reply to comments. *Pain, 9*, 111-113.

Lefave, M.K., & Neufeld, R.W.J. (1980). Anticipatory threat and physical-danger trait anxiety: A signal-detection analysis of effects on autonomic responding. *Journal of Research in Personality, 14*, 283-306.

Neufeld, R.W.J., & Mothersill, K. (1980). Stress as an irritant of psychopathology. In I. Sarason & C.D. Spielberger (Eds.), *Stress and anxiety, Vol. VIII*. New York: Hemisphere.

Broga, M.I., & Neufeld, R.W.J. (1981). Multivariate cognitive performance levels and response styles among paranoid and nonparanoid schizophrenics. *Journal of Abnormal Psychology, 90*, 495-509.

Broga, M.I., & Neufeld, R.W.J. (1981). Evaluation of information-sequential aspects of schizophrenic performance, I: Framework and current findings. *Journal of Nervous and Mental Disease, 169*, 559-568.

Neufeld, R.W.J., & Broga, M.I. (1981). Evaluation of information-sequential aspects of schizophrenic performance, II: Methodological considerations. *Journal of Nervous and Mental Disease, 169*, 569-579.²

Dobson, K., & Neufeld, R.W.J. (1981). Sources of differential stress response associated with psychometrically-designated anxiety proneness. *Journal of Personality and Social Psychology, 40*, 951-961.

Dobson, D., & Neufeld, R.W.J. (1982). Paranoid-nonparanoid schizophrenic distinctions in the implementation of external conceptual constraints. *Journal of Nervous and Mental Disease, 170*, 614-621.

Neufeld, R.W.J. (1982). (Ed.), *Psychological stress and psychopathology*. New York: McGraw-Hill (367 pp) [*Contemporary Psychology Review*: Steffy, R.A. Support for the fourth and fifth axes. *Contemporary Psychology, 1983*, 395-396.]

Neufeld, R.W.J. (1982). Introduction and overview to psychological stress and psychopathology. In R.W.J. Neufeld (Ed.), *Psychological stress and psychopathology*. New York: McGraw-Hill.

²Adjunct Technical Report: Neufeld, R.W.J., & Broga, M.I. (1976). Fallacy of the reliability-discriminability principle in research on differential cognitive deficit. Department of Psychology Research Bulletin No. 360. London, ON: University of Western Ontario.

Neufeld, R.W.J. (1982). On decisional processes instigated by threat: Some possible implications for stress-related deviance. In R.W.J. Neufeld (Ed.), *Psychological stress and psychopathology*. New York: McGraw-Hill.

Neufeld, R.W.J. (1982). Summary observations and future research trends in psychological stress and psychopathology. In R.W.J. Neufeld (Ed.), *Psychological stress and psychopathology*. New York: McGraw-Hill.

Nielson, W.R., Neufeld, R.W.J., & Goldband, S. (1982). Controllability, cardiovascular responsivity, and the Type A behavior pattern. *Psychophysiology*, *19*, 576-577. (Abstract)

Neufeld, R.W.J. (October, 1983). (Guest Editor), Clinical Health Psychology. *Canadian Journal of Behavioural Science*, Special Issue.

Neufeld, R.W.J., & Kuiper, N. (1983). Stress-related deviance and sources of stress-negotiation difficulties in the medical setting. *Canadian Journal of Behavioural Science* (Special Issue on Clinical Health Psychology), *15*, 334-350.

Neufeld, R.W.J., & Herzog, H. (1983). Acquisition of probabilities in anticipatory appraisals of stress. *Personality and Individual Differences*, *4*, 1-7.

Neufeld, R.W.J. (1984). Are semantic networks of schizophrenic samples intact? *Behavioral and Brain Sciences*, *7*, 749-750.

Neufeld, R.W.J. (1984). Re: The incorrect application of traditional test discriminating power formulations to diagnostic-group studies. *Journal of Nervous and Mental Disease*, *172*, 373-374.³

George, L., & Neufeld, R.W.J. (1984). Imagery and verbal aspects of schizophrenic informational-performance. *British Journal of Clinical Psychology*, *23*, 9-18.

Neufeld, R.W.J. (1984). (Ed.), *Psychopatologia y stress*. Barcelona, Spain: Ediciones Toray, S.A.

George, L., & Neufeld, R.W.J. (1985). Cognition and symptomatology in schizophrenia. *Schizophrenia Bulletin*, *11*, 264-285.

³Adjunct Technical Report: Neufeld, R.W.J. (1983). On the psychometric sensitivity of measures with complex structures to sources of between-group differences. Department of Psychology Research Bulletin No. 592. London, ON: University of Western Ontario.

Ludwick-Rosenthal, R., & Neufeld, R.W.J. (1985). Heart rate interoception and emotionality: A study of individual differences. *International Journal of Psychophysiology*, 3, 57-65.

Mothersill, K.J., & Neufeld, R.W.J. (1985). Probability learning and coping in dysphoria and obsessive-compulsive tendencies. *Journal of Research in Personality*, 19, 152-165.

Neufeld, R.W.J. (1985). Physiological substrates of a psychological dimension. *Behavioral and Brain Sciences*, 7, 445-446.

Neufeld, R.W.J. (1985). Sources of susceptibility to stress in psychopathology and stress-management procedures. *Biological Psychology*, 10, #217 (Abstract).

Neufeld, R.W.J. (1985). [Review of "Advances in Clinical Behavior Therapy" by K. Craig & R.J. MacMahon]. *Canadian Psychology*, 26, 182-183.

Highgate-Maynard, S., & Neufeld, R.W.J. (1986). Schizophrenic memory-search performance involving nonverbal stimulus properties. *Journal of Abnormal Psychology*, 95, 67-73.

Mothersill, K., Dobson, K., & Neufeld, R.W.J. (1986). The interactional model of anxiety: An evaluation of the differential hypothesis. *Journal of Personality and Social Psychology*, 51, 640-648.

Nielson, W., & Neufeld, R.W.J. (1986). Type A behavior and cardiovascular response to uncontrollable stress: A multidimensional approach. *Canadian Journal of Behavioural Science*, 18, 224-237.

Dobson, D.J.G., & Neufeld, R.W.J. (1987). Association of social competence with episodic vs. remitted status in paranoid and nonparanoid schizophrenia. *Canadian Journal of Behavioural Science*, 19, 67-73.

Dobson, D.J.G., & Neufeld, R.W.J. (1987). Span of apprehension among remitted schizophrenics using small visual angles. *Journal of Nervous and Mental Disease*, 175, 362-366.

Gardner, R.C., & Neufeld, R.W.J. (1987). The simple difference score in correlational analyses. *Educational and Psychological Measurement*, 47, 849-864.

George, L., & Neufeld, R.W.J. (1987). Attentional resources and hemispheric functional asymmetry in schizophrenia. *British Journal of Clinical Psychology*, 26, 35-45.

George, L., & Neufeld, R.W.J. (1987). Magical ideation and schizophrenia. *Journal of Consulting and Clinical Psychology*, 55, 778-779.

Mather, J.A., & Neufeld, R.W.J. (1987). Attention and eye-movement problems in schizophrenics: Trying to prove a cause for motor disorder. *Canadian Psychology* #378 (Abstract).

Neufeld, R.W.J. (1987). Mathematical note on propensity to engage in counter-stress activity. *Perceptual and Motor Skills*, 65, 493-494. (Invited)

Paterson, R., & Neufeld, R.W.J. (1987). Clear danger: The perception of threat when the parameters are known. *Psychological Bulletin*, 101, 404-416.

Dance, K., & Neufeld, R.W.J. (1988). Aptitude-treatment interaction in the clinical setting: An attempt to dispel the patient-uniformity myth. *Psychological Bulletin*, 104, 192-213.

Ludwick-Rosenthal, R., & Neufeld, R.W.J. (1988). Stress management during noxious medical procedures: An evaluative review of outcome studies. *Psychological Bulletin*, 104, 326-342.

Morrison, M.S., Neufeld, R.W.J., & Lefebvre, L.A. (1988). The economy of probabilistic stress: Interplay of controlling activity and threat reduction. *British Journal of Mathematical and Statistical Psychology*, 41, 155-177.⁴

Neufeld, R.W.J. (1988). Statistical and methodological frailties in grant applications. In *How to prepare a quality research proposal*. Toronto: Ontario Mental Health Foundation. (Invited)

Paterson, R., & Neufeld, R.W.J. (1988). Effects of choice availability on anticipatory stress. *Canadian Psychology*, 29, #599 (Abstract).

Dobson, D., & Neufeld, R.W.J. (1989). Stress responses and coping propensity among paranoid and nonparanoid schizophrenics. *Canadian Journal of Behavioural Science*, 21, 280-294.

Mather, J.A., Neufeld, R.W.J., Russell, N.C., & Merskey, H. (1989). Release of saccades in schizophrenics: Inattention or inefficiency? *European Archives of Psychiatry and Neurological Sciences*, 239, 23-36. Reprinted in *Clinical Digest Series*, Abstract (1989).

McCarty, T., Waring, E.M., Neufeld, R.W.J., Abraham, B., Fry, R., & Carver, C. (1989). Innovations in the assessment of thought disorder. *Schizophrenia Bulletin*, 15, 1-2.

⁴Adjunct Technical Report: Neufeld, R.W.J. (1990). Morrison, Neufeld & Lefebvre's game theoretical approach to stress and decisional control: Some further mathematical results. Department of Psychology Research Bulletin No. 688. London, ON: University of Western Ontario.

Neufeld, R.W.J. (1989). (Ed.), *Advances in the investigation of psychological stress*. New York: John Wiley & Sons. (463 pp.)

Neufeld, R.W.J. (1989). Introduction. In R.W.J. Neufeld (Ed.), *Advances in the investigation of psychological stress*. New York: John Wiley & Sons.

Neufeld, R.W.J. (1989). Methodological aspects of laboratory studies of stress. In R.W.J. Neufeld (Ed.), *Advances in the investigation of psychological stress* (pp. 71-132). New York: John Wiley & Sons.

Neufeld, R.W.J., & Paterson, R.J. (1989). Issues concerning control and its implementation. In R.W.J. Neufeld (Ed.), *Advances in the investigation of psychological stress*. New York: John Wiley & Sons.

Paterson, R.J., & Neufeld, R.W.J. (1989). The stress response and parameters of stressful situations. In R.W.J. Neufeld (Ed.), *Advances in the investigation of psychological stress*. New York: John Wiley & Sons.

Nicholson, I.R., & Neufeld, R.W.J. (1989). Forms and mechanisms of susceptibility to stress in schizophrenia. In R.W.J. Neufeld (Ed.), *Advances in the investigation of psychological stress*. New York: John Wiley & Sons.

Kuke, M., & Neufeld, R.W.J. (1990). Psychophysiological correlates of stress appraisal. *Canadian Psychology*, 31, #303 (Abstract).

Mather, J.A., Neufeld, R.W.J., Merskey, H., & Russell, N.C. (1990). Schizophrenic performance in line bisection: No simple defects. *Journal of Psychiatric Research*, 24, 185-190.

Neufeld, R.W.J. (1990). Coping with stress, coping without stress, and stress with coping: On inter-construct redundancies. *Stress Medicine*, 6, 117-125.

Neufeld, R.W.J., & Gardner, R.C. (1990). Data aggregation in evaluating psychological constructs: Multivariate and logical-deductive considerations. *Journal of Mathematical Psychology*, 34, 276-296.

Neufeld, R.W.J. (1991). Memory in paranoid schizophrenia. In P. Magaro (Ed.), *The cognitive bases of mental disorders: Annual review of psychopathology* (Vol. 1, pp. 231-261). Newbury Park, CA: Sage. (Invited)

Mather, J.A., Neufeld, R.W.J., Merskey, H., & Russell, N.C. (1992). Disruption of saccade production during oculomotor tracking in schizophrenia and the use of its changes across target velocity as a discriminator of the disorder. *Psychiatry Research*, 42, 93-109.

Nicholson, I.R., & Neufeld, R.W.J. (1992). A dynamic vulnerability perspective on stress and schizophrenia. *American Journal of Orthopsychiatry*, 62, 117-130.⁵

Ludwick-Rosenthal, R., & Neufeld, R.W.J. (1993). Preparation for undergoing an invasive medical procedure: Interacting effects of information and coping style. *Journal of Consulting and Clinical Psychology*, 61, 156-164.⁶

Neufeld, R.W.J., Vollick, D., & Highgate, S. (1993). Stochastic modelling of stimulus encoding and memory search in paranoid schizophrenia: Clinical and theoretical implications. In R.L. Cromwell & R.C. Snyder (Eds.), *Schizophrenia: Origins, processes, treatment, and outcome: The Second Kansas Series in Clinical Psychology* (pp. 176-196). Oxford: Oxford University Press. (Invited)

Nicholson, I.R., & Neufeld, R.W.J. (1993). Classification of the schizophrenias according to symptomatology: A two-factor model. *Journal of Abnormal Psychology*, 102, 259-270.

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Neufeld, R.W.J. (1999). A formal theoretical approach to the study of cognitive psychopathology. Pang Lecture on Schizophrenia, Psychology Department, Indiana University. *(Invited)*

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Neufeld, R.W.J. (August 2002). Stochastic modelling of stress effects on proofreading. Presented at the Annual Summer Inter-Disciplinary Conference on Cognitive Science, Squamish, British Columbia.

Neufeld, R.W.J. (November 2002). From cognitive science to clinical science: A smooth if not seamless transition. Presented at the Department of Psychology, University of Manitoba, Winnipeg, Manitoba. (*Invited*)

Neufeld, R.W.J., Vollick, D., & Carter, J.R. (September 2002). Bayesian strategies for individualizing group-level findings on cognitive psychopathology. Presented at the Society for Research in Psychopathology. "In-Depth Talk", San Francisco. (*Invited*)

Théberge, J., Williamson, P.C., Bartha, R., Menon, R.S., Neufeld, R.W.J., Al-Seeman, Y., & Drost, D.J. (2002). 4.0 Tesla proton spectroscopy study of first episode and chronic schizophrenia patients. Presented at the International Society of Magnetic Resonance in Medicine Meeting, Honolulu, Hawaii.

Lanius, R.A., Williamson, P.C., Boksman, K., Densmore, M., Gupta, M., Neufeld, R.W.J., Gati, J.S., & Menon, R.S. (May 2003). Reliving and dissociative responses in PTSD: fMRI function connectivity analyses. Presented at the VIII European Conference on Traumatic Stress, Berlin, Germany.

Lanius, R.A., Williamson, P.C., Boksman, K., Densmore, J., Gupta, M., Neufeld, R.W.J., Gati, J.S., & Menon, R.S. (May 2003). Brain activation and functional connectivity during script-driven imagery induced dissociative responses in PTSD: A functional magnetic resonance imaging investigation. Society of Biological Psychiatry Annual Meeting, San Francisco.

Lanius, R.A., Williamson, P.C., Boksman, K., Densmore, M., Neufeld, R.W.J., Gati, J.S., & Menon, R.S. (December 2003). Traumatic symptom provocation and neuroimaging: Heterogeneity of response in PTSD. Presented at the American College of Neuropsychopharmacology Meeting, San Juan, Puerto Rico.

Williamson, P.C., Théberge, J., Malla, A.K., Neufeld, R.W.J., Bartha, R., Menon, R.S., Takhar, J., Densmore, M., Drost, D.J. (2003). 4.0 Tesla 1H MRS correlates of neuronal degeneration in the left anterior cingulate and thalamus in first-episode and chronic schizophrenic patients. Presented at the International Congress on Schizophrenia Research, Colorado Springs, CO.

Théberge, J., Williamson, P.C., Manchanda, R., Menon, R.S., Neufeld, R.W.J., Densmore, M., Williamson, K.A., & Drost, D.J. (2004) Longitudinal Study of First-Episode Schizophrenia using 4.0T 1H MRS and Voxel-Based Morphometry. Presented at the International Society for Magnetic Resonance in Medicine 2004 meeting in Kyoto, Japan. Abstract Number 543.

Neufeld, R.W.J. (March 2004). Composition and uses of formal clinical cognitive science. Presented at the 53rd annual Nebraska Symposium on Motivation. Lincoln-Nebraska. (Invited)

Neufeld, R.W. J. (April 2004). fMRI studies of schizophrenia cognition: The role of mathematical process models. Presented to the Department of Psychology, University College of the Fraser Valley at Abbotsford. (Invited by American Psychological Society and Erlbaum Publications)

Townsend, J.T., & Neufeld, R.W.J. (May 2004). Mathematical theory-driven methodology and experimentation in the emerging quantitative clinical cognitive science: Toward general laws of individual differences. Presented at the Festschrift in Honor of Richard M. McFall, Chicago, Illinois. (Invited)

Lanius, R., Sanderson, M., Coupland, N., Hegadoren, K., Neufeld, R., & Menon, R. (2005). Pain processing in PTSD and borderline personality disorder. Presented at the 21st Annual ISTSS Meeting: Dissemination: Transforming lives through transforming care, November 2-5, 2005, Toronto, Ontario.

Levy, L.R., & Neufeld, R.W.J. (2005). Chaotic dynamics in a 6-variable system of psychological stress and coping: Introduction of a 4-variable reduction. Poster presented at Gordon Research Conferences (GRC): Nonlinear Science, Colby College, Waterville, Maine, U.S.A.

Williamson, P.C.; Théberge, J.; Manchanda, R.; Malla, A.K.; Menon, R.; Neufeld, R.W.J.; Rajakumar, N.; Pavlosky, W.; Densmore, M. and Drost, D.J. (2005). "Longitudinal gray matter and glutamatergic changes with high field 1H MRS in first episode schizophrenic patients". International Congress on Schizophrenia Research, Savannah, Georgia, U.S.A.

Neufeld, R.W.J. (July 2006). Group-level findings and individual differences in applied cognitive measurement. Paper presented to the Society for Mathematical Psychology Annual Meeting, Vancouver, British Columbia.

Levy, L.R., Yao, W., Vollick, D., McGuire, C.G., & Neufeld, R.W.J. (July 2006). Nonlinear dynamics of stress, coping and related variables. Poster presented to the Society for Mathematical Psychology Annual Meeting, Vancouver, British Columbia.

Shanahan, M.J., & Neufeld, R.W.J. (May 2006). Modeling the interplay of cognitive load and threat reduction across decisional scenarios. Poster presented at the 18th Annual Convention of the Association for Psychological Science (APS), New York, NY.

Shanahan, M.J., & Neufeld, R.W.J. (June 2006). Modeling the interplay of cognitive load and threat reduction across a range of decisional scenarios: A gold standard for quantifying the stresses of negotiating with the environment. Poster presented at the 67th Annual Convention of the Canadian Psychological Association (CPA), Calgary, AB.

Levy, LR., Yao, W., Vollick, D., McGuire, C.G., & Neufeld, R.W.J. (January 2007). Nonlinear dynamics of stress, coping and related variables. Poster presented at the Faculty Research Showcase Day, University of Western Ontario, London, Ontario, Canada.

Tobon, J.I., Reid, G.J., Neufeld, R.W.J. (March, 2007). Children's Mental Health Services: Investigating Factor Related to Help-Seeking and Service Utilization Patterns. Poster presented at: The 20th Annual Research Conference, A System of Care for Children's Mental Health, Tampa, Florida.

Shanahan, Matthew J., & Neufeld, Richard W.J. (May 2007). Statistical properties of a model for hierarchically nested second-order decisional scenarios. Poster presented at the 19th Annual Convention of the Association for Psychological Science (APS), Washington, DC, USA.

Frewen, P. A., Dozois, D. J. A., Lanius, R. A., Neufeld, R. W. J. (June 2007). Clinical & Neural Correlates of Emotional Awareness & Regulation in Posttraumatic Stress Disorder. Annual Convention of the *Canadian Psychological Association*, Ottawa, Ontario.

Dean, K.M., Coupland, N.C., Lanius, R., Rowe, B., Neufeld, R.W.J., Kang, J.H., O'Neill, A.C., Prendergast, S.J., Chivers-Wilson, K., & Hegadoren, K.M. (June 2007). Potential interactions between female sex hormones and peripheral opioid system activity. Presented at the 30th annual meeting of the Canadian College of Neuropsychopharmacology, Banff, June 15-19.

Boksman, K., Miller, J., Williamson, P., Drost, D., Menon, R., & Neufeld, R.W.J. (June 2007). When events are processes: 4-T event-related monitoring of effective connectivity of formally modeled encoding deficit in schizophrenia. Presented at the sixth Annual Summer Interdisciplinary Conference in Kalamnos, Greece.

Shanahan, Matthew J., & Neufeld, Richard W.J. (June 2007). Modeling the interplay of cognitive load and threat reduction: An extensive investigation of the characteristics of hierarchically nested second-order decisional scenarios. Poster presented at the 68th Annual Convention of the Canadian Psychological Association (CPA), Ottawa, ON, Canada.

Tobon, J.I., Reid, G.J., Neufeld, R.W.J. (June, 2007). Investigating Patterns of Help-seeking and Service Utilization in Children's Mental Health. Poster presented at: The Canadian Psychological Association Annual Convention, Ottawa, Ontario.

Foo, J.C., Coupland, N.J., Lanius, R., Rowe, B., Neufeld, R.W.J., & Hegadoren, K.M. (2007). Who is vulnerable? A prospective study of stress responses and the emergence of stress disorders after MVC. Canadian College of Neuropsychopharmacology Meeting, Banff, Canada, June 2007.

Dean, K.M., Coupland, N.J., Lanius, R., Rowe, B., Neufeld, R.W.J., Kand, J.H., O'Neill, A.C., Prendergast, S.J., Chivers-Wilson, K., & Hegadoren, K.M. (2007). Potential interactions between female sex hormones and peripheral opioid system activity. Canadian College of Neuropsychopharmacology Meeting, Banff, Canada, June 2007.

Graduate and Post-Graduate Supervision:

Chief Advisor:

Ph.D.: K. Benn, K. Boksman, M. Broga, J. Carter, D. Dobson, L. George, B. Jessup, J. Jetté, M. Lees, K. Lefave, R. Ludwick-Rosenthal, M. Morrison, K. Mothersill, I. Nicholson, W. Nielson, R. Paterson, M. Shanahan, D. Vollick

M.A.: K. Benn, K. Boksman, J. Carter, D. Dobson, L. George, H. Herzog, S. Highgate, J. Jetté, M. Kukde, L. Levy, R. Ludwick-Rosenthal, E. Luopa, T. McCarty, R. Paterson, M. Shanahan, P. Thomas

Research-Project Sponsor:

National Science and Engineering Research Council University-Research-Fellowship Program (The Cognitive Side of Oculomotor Anomalies; conducted by Dr. Jennifer Mather)

Supervision of Preparation for Registration with the Ontario Board of Examiners in Psychology:

Dr. Joan Olinger; Dr. Ross Norman

Mentor:

National Alliance for Research on Schizophrenia and Depression, Young Investigator Award: "Information processing and cognitive organization in major depression: The impact of cognitive-behavioral therapy" awarded to David Dozois in 2004.

Other Scholarly Activities:

Editorial Consultant:

Archives of General Psychiatry
Behavioral Assessment
British Journal of Psychology
Canadian Journal of Behavioural Science
Canadian Psychology
Cognitive Research and Therapy
Journal of Abnormal Psychology
Journal of Consulting and Clinical
Psychology
Journal of Mathematical Psychology
Journal of Nervous and Mental Disease
Journal of Personality
Journal of Personality and Social
Psychology
Mathematical Social Sciences
McGraw-Hill Book Company

Mellin Publishing
Nonlinear Dynamics in Psychological Life
Sciences
Pain
Perceptual & Motor Skills
Personality & Social Psychology Bulletin
Psychiatry Research
Psychological Assessment
Psychological Bulletin
Psychological Reports
Psychonomic Bulletin and Review
Psychophysiology
Schizophrenia Bulletin
Schizophrenia Research
Scott-Forsman Publishing Company
John Wiley & Sons

Grant Application Appraisal:

Alberta Mental Health Advisory
British Columbia Health Sciences
and Research Fund
Canada Council
Manitoba Health Resources Research Council
Medical Research Council of Canada
Quebec Research Foundation
Social Sciences and Humanities Research Council

National Research Council of Canada
National Health and Research
Developmental Program
National Research Council of Canada
(NSERC)
Ontario Ministry of Health Foundation
Wellcome Trust, U.K.

Promotion/Tenure External Assessor:

Indiana University
McGill University
McMaster University
University of British Columbia

University of New England, Scotland
University of Toronto
University of Waterloo
University of North Texas

Graduate-Thesis External Examiner:

Concordia University
Lakehead University

University of Calgary
University of Toronto

Research Consultant:

Department of Psychiatry, St. Joseph's Hospital, London, Ontario
Department of Psychiatry, University Hospital, London, Ontario
Victoria Hospital, London, Ontario

Courses Taught:

Undergraduate:

Behavior Modification
Psychology of Adjustment
Abnormal Psychology
Tests and Measurement
Psychological Research and Statistical Methods
Psychological Stress

Graduate:

Adult Psychopathology
Advanced Research Methods in
Psychopathology
Psychotherapy Research (Outcome and
Processes)
Mathematical Methods in Applied
Cognitive Psychology