

CURRICULUM VITAE for Dr. BRIAN SCOTT

(Prepared Jan 8, 2016)

CONTACT:

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CITIZENSHIP: British, Canadian.

CURRENT POSITIONS:

Clinic Director

Scott Psychological Centre for ADHD and Developmental Trauma
360 Orchard Road, International Building #10-10, Singapore 238869
Tel:6733 8919.

Occasional supervisor of counseling students at NIE, Nanyang Technological University

EDUCATION

1959 B. A. Sc., Engineering Physics, University of Toronto

1960 M. A., Geophysics, University of Toronto

1967 Ph. D., Zoology (Neurobiology), University of Toronto. "The morphological and electrophysiological characteristics of dissociated dorsal root ganglia in cell culture". Supervisor: Professor K.C. Fisher

1988 Ph. D., Clinical Psychology, University of Windsor. "Psychological distress and cognitive coping processes in parents of infants with Down syndrome". Supervisor: Professor Henry Minton

PROFESSIONAL CERTIFICATION:

2004 - Present Registered Psychologist, Singapore Psychological Society (www.singaporepsychologicalsociety.org/), Singapore Register of Psychologists, Registration # 04080060)

1990 - Present Registered Psychologist, College of Psychologists of Ontario, (<http://www.cpo.on.ca/>), Canada, #2267).

1993 - Present Registered Psychologist, Hong Kong Psychological Society (www.hkps.org.hk/), #1995-052).

PROFESSIONAL MEMBERSHIP

Singapore Psychological Society. www.singaporepsychologicalsociety.org/

Hong Kong Psychological Society. www.hkps.org.hk/: 1994, Vice-President; 1995, President.

Ontario Psychological Association. www.psych.on.ca/

Canadian Psychological Association. www.cpa.ca/

American Psychological Association. www.apa.org/

PROFESSIONAL EXPERIENCE:

2005-Present. Consulting Clinical Psychologist; Scott Psychological Services, Singapore. Supervision. At present, as well as seeing my usual private practice clients, I also am supervising graduate students in psychology.

1999 Oct. – 2007 Consulting Clinical Psychologist, Twin Towers Medical City, Kuala Lumpur, Malaysia.

1991 – 1996 Lecturer, Clinical Psychology Program, Department of Psychology, University of Hong Kong, Hong Kong.

1988 –1991: Psychologist, Family Counseling and Education Program, Surrey Place Centre. Assessing and providing direct therapeutic services to individuals and families coping with the stressor of developmental delay. Self-help group for MR. Stress management. Research relevant to family stress.

1969 – 1988: Neurobiologist, Surrey Place Centre, Toronto. Neurobiological research relevant to mental retardation; educating both professional and lay public about the neurobiological aspects of mental retardation.

1984 to 1986: Internship, Clinical Psychology: Neuropsychology Department, Mount Sinai Hospital, Supervisor, Dr. Eric Roy.

1983, summer: Internship, Clinical Psychology: Infant Stimulation Program, Children's Psychiatric Research Institute, London, Ontario, Supervisor, Dr. Mary Beattie.

1982, summer: Internship, Clinical Psychology: Forensic Services, Clarke Institute of Psychiatry, Toronto, Ontario, Supervisor, Dr. Dan Paitich. Cognitive Assessment, Surrey Place Centre, Toronto, Ontario, Supervisor, Dr. Art Dalton.

1967 – 1969: Post-doctoral student, under Dr. K. C. Fisher, Department of Zoology, University of Toronto.

1960 – 1961: Research Associate, Human Factors Section, Defense Research Medical Laboratory, Downsview, Ontario.

TEACHING

1991 – 1996: Lecturer, Clinical Psychology Program, Department of Psychology, University of Hong Kong, Hong Kong

1984 – 1991: Adjunct Professor, Department of Zoology, University of Toronto, Toronto, Ontario. "Electrophysiology of Cell Membranes". "Developmental Vertebrate Neurobiology".

1981 – 1984: Adjunct Professor, Department of Biology, University of Windsor, Windsor, Ontario, Canada.

RESEARCH and CLINICAL INTERESTS: CLINICAL PSYCHOLOGY

Applying knowledge from cognitive neuroscience and neurobiology to clinical psychology. Currently working on application of research on neuronal energy consumption and its conservation to various mental processes e.g. dual processes, depression, mania.

Reflexive reacting versus Reflective responding and role in couple relationships. How to induce reflective mode e.g. journaling as a tool to self-exploration and development.

Attention Deficit Hyperactivity Disorder (ADHD) in adults. Substance abuse in adult ADHD.

Codependence (Developmental psychopathology).

Self-help groups. This research explored the attitudes of professionals towards self-help groups. Also it examined the factors influencing these attitudes e.g. knowledge about self-help groups, personal experience. Interest also in self-help groups for parents of children with autism.

Autism Asperger's Syndrome, Research interests here include stress management for parents of children with autism, self help groups for parents of children with autism.

Psychological distress and cognitive coping processes in parents of infants with physical or mental handicap.

RESEARCH INTERESTS NEUROBIOLOGY:

Applying neurobiology and cognitive neuroscience to clinical psychology. Currently working on application of principle of neural energy conservation to structure and function of the brain.

Neurobiological basis of mental retardation, lead neurotoxicity, and fetal alcohol syndrome. Cell cultures of animal and human nervous tissue were used as model systems to investigate the effect of various toxic agents and genetic abnormalities on neuronal electric membrane properties.

Reviewer for following journals:

Experimental Cell Research
Journal of Neurobiology
Journal of Tissue Culture
Journal of Neurotoxicology

Reviewer for following granting agencies:

University and Polytechnic Grants Committee (UPGC) of Hong Kong
National Science Foundation (U.S.A.)
Ontario Mental Health Foundation
Natural Sciences and Engineering Research Council (NSERC, Canada)

REPRESENTATIVE PUBLICATIONS IN REFEREED JOURNALS AND BOOK CHAPTERS

Scott, B.S. (1962). Further studies of 9 cps resonant frequency effect in the human fovea-cortex system. *J. Opt. Soc. Amer.* 52: 1082-1083.

Scott, B.S. and F.T. Oterurlo (1978) Cell and tissue differentiation in culture: Discussion. In "Cell, Tissue and Organ Culture in Neurobiology". Editors: S. Federoff and L. Hertz. Academic Press, New York.

Scott, B.S., T.L Petit, L.E. Becker and B.A.V. Edwards (1979). Electric membrane properties of human DRG neurons in cell culture and the effect of high potassium medium. *Brain Res.* 178: 529-544.

Scott, B.S., T.L Petit, L.E. Becker and B.A.V. Edwards (1982). Abnormal electric membrane properties of Down's syndrome DRG neurons in cell culture. *Develop. Brain Res.* 2:257-270.

Scott, B.S., Becker, L.E. and Petit T.L. (1983). Neurobiology of Down's syndrome. *Progress in Neurobiology*, 21: 199-237.

Scott, B.S., Petit, T.L. and Lew, J. (1986) Differential survival of fetal and adult neurons and non-neuronal cells exposed chronically to ethanol in cell culture. *Neurotoxicology* 7:81-90

Scott, B.S. and Lew J. (1986) Lead neurotoxicity: neuronal and non-neuronal cell survival in fetal and adult DRG cell cultures. *Neurotoxicology* 7:57-69

Scott, B.S. (1986) Electrophysiological studies of Down's syndrome nervous tissue in vitro. In "Neurobiology of Down's syndrome". Ed. C. Epstein, Raven Press New York.

Scott, B.S. and Lew, J. (1988) Effects of aging on neuronal electric membrane properties. *Mechanisms of Ageing and Development*, 44, 203-214.

Bunting, T.A. and Scott, B.S. (1989). Aging and ethanol alter neuronal electric membrane properties. *Brain Res.* 501, 105-115

Atkinson, L., Scott, B.S., Chisholm, V., Blackwell, J., Dickens, S., Tam, F. and Goldberg, S. (1995). Cognitive coping, affective distress and maternal sensitivity: Mothers of children with Down Syndrome. *Developmental Psychology*, 31 (4), 668-676.

REPRESENTATIVE INVITED COLLOQUIA/SYMPOSIA

Cell Biology Institute, Academia Sinica, Shanghai, China. Lead Neurotoxicity; effects on cell survival and electrophysiological properties.

University of Alberta, Edmonton, Electrophysiological studies of Down's neurons in culture.

University of California, San Diego, "Electrophysiological properties of neurons in culture."

PAPERS PRESENTED AT PROFESSIONAL CONFERENCES

Scott, B.S. and Chan R. (1994). "Cross-cultural comparisons of self-help groups in Hong Kong and Toronto" Paper presented at "Addiction and Mutual Help Movements in a Comparative Perspective", Toronto, Canada.

Scott, B.S. (1993). "Stress in parents of infants with Down Syndrome" Paper presented at the Annual Meeting of the International Council of Psychologists, Montreal, Canada.

Scott, B.S. "Electrophysiological Studies of Down's Syndrome Nervous Tissue In Vitro". Neurobiology of Down's Syndrome. New York, 1985.

REPRESENTATIVE GRANTS RECEIVED

1995/96 "Psychological investigation of stress in Hong Kong". Research grant from the University of Hong Kong Committee on Research and Conference Grants. Amount, \$H.K. 60,000.00.

1994/5 "Psychological investigations of self-help groups". Research grant from the University of Hong Kong Committee on Research and Conference Grants. Amount, \$H.K. 54,830.00.

1986/89 "Neurobiology of life span development". Natural Sciences and Engineering Research Council \$30,000, \$10,000/year for three years.

1986/88 "Neurobiological investigations of Down's syndrome and mouse trisomy 16". Ontario Mental Health Foundation. \$70,000.00 for two year period.

1986/88 "Effect of aging on electric membrane properties" Ontario Mental Health Foundation. \$25,000/year.

1984/86 "Further Studies of the Neurobiology of Down's Syndrome". Ontario Mental Health Foundation. Two-year period. Amount \$34,000.00 per year.