

**Andrew Gabriel McKay Bulloch**

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FAX (403) 210-8840  
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**DATE OF BIRTH:** March 1, 1953.  
**PLACE OF BIRTH:** Clacton, England.  
**NATIONALITY:** British and Canadian.

**EDUCATION**

1974 B.A. (Natural Sciences) Downing College, University of Cambridge,  
(converted to M.A. in 1977) Cambridge, England  
1978 Ph.D. (Neurobiology) University College of North Wales,  
Bangor, Wales

**AWARDS**

1972 Cicely Courtauld Scholarship for study abroad,  
Essex County, U.K.  
1979 Postdoctoral Assistant Instructorship,  
Dept. of Zoology, University of Iowa,  
Spring Semester.  
1982-1987; 1987-1992. Scholar, Alberta Heritage Foundation  
for Medical Research.  
1992-1997; 1997-2002 Scientist, Alberta Heritage Foundation  
for Medical Research.

**PROFESSIONAL SOCIETIES**

Canadian Academy of Psychiatric Epidemiology  
Canadian Society for Epidemiology and Biostatistics

**RESEARCH AND PROFESSIONAL EXPERIENCE**

- 1972 (July-August)      **Undergraduate research assistant** to Dr. A.D. Carlson  
1973 (July-August)      at Division of Biological Sciences, SUNY, Stony Brook, New York
- 1974 (June-July)        **Research assistant** to Dr. R.W. Meech at Department of Zoology,  
Cambridge University, England.
- 1974 - 1977              **Ph.D. student** of Dr. D.A. Dorsett, Marine Science Laboratories,  
University College of North Wales, U.K.
- 1978                      **Postdoctoral Fellow** to Professor A.O.D. Willows, Department of  
Zoology, University of Washington, Seattle, Washington, U.S.A.
- 1979 - 1982              **Postdoctoral Fellow** to Professor S.B. Kater, Department of Zoology,  
University of Iowa, Iowa City, Iowa, U.S.A.
- 1982 - 1987              **Assistant Professor**, Department of Medical Physiology, Faculty of  
Medicine, University of Calgary, Calgary, Alberta, Canada.
- 1987 - 1992              **Associate Professor**, Department of Medical Physiology, Faculty of  
Medicine, University of Calgary, Calgary, Alberta, Canada.
- 1992 - Present          **Professor**, Department of Physiology and Biophysics, (formerly  
Department of Medical Physiology), Faculty of Medicine  
University of Calgary, Calgary, Alberta, Canada.
- 2001 - 2004              **Adjunct Professor**, Department of Biological Sciences, Faculty of  
Sciences, University of Calgary, Calgary, Alberta, Canada
- 2014 – 2015              **Interim Director**, Mathison Centre for Mental Health Research &  
Education, Hotchkiss Brain Institute
- 2006 – Present          **Cross appointment**, Department of Psychiatry, Faculty of Medicine,  
University of Calgary, Calgary, Alberta, Canada
- 2008 – Present          **Professor**, Department of Community Health Science, Faculty of Medicine,  
University of Calgary, Calgary, Alberta, Canada
- 2015 – Present          **Deputy Director**, Mathison Centre for Mental Health Research &  
Education, Hotchkiss Brain Institute
- 2016 – Present          Co-Lead, Mental Health NeuroTeam, Hotchkiss Brain Institute
- 2017 – Present          **Education Director**, Mathison Centre for Mental Health Research &  
Education, Hotchkiss Brain Institute

**COURSES TAUGHT**

- 1975 Preparation and supervision of laboratories in physiology and pharmacology for M.Sc. students at Marine Science Laboratories, Menai Bridge, U.K.
- 1979 Postdoctoral assistant instructor in charge of tutorials for the course "Introduction to the Neurosciences" at the University of Iowa.
- 1982 - 1985 Neuroscience tutorials for second year Medical Students at the University of Calgary.
- 1983 - 1988 Introductory Physiology course to first year Medical Students at the University of Calgary.
- 1983 - 2006 MDSC 601.1 Introductory Neuroscience core graduate course at the University of Calgary (Cellular and Molecular Neuroscience) with four other faculty.
- 1984 - 2001 MDSC 601.3 Neuroscience core graduate course at The University of Calgary (Developmental Neurobiology) with three other faculty.
- 1984 - 1999 MDSC 200 Human Anatomy and Physiology course for Nursing students at the University of Calgary. Member exam committee, lecturer and lab coordinator.
- 1997 - 2002 Zoology 595, Neuromuscular Physiology (with J. Wilkens & D. Syme).
- 2002 – 2005 Zoology 361, Introduction to Human Physiology
- 2002 – 2004 Master in Biomedical Technology (Neuroscience lectures)
- 2004 – 2013 MDSC 619.01, Neuroscience I
- 2007 MDSC 648 Psychiatric Epidemiology (with S. Patten)
- 2008 – present NEURO 4630 Current Research in Physiology and Neuroscience – Lethbridge
- 2010- present NEURO 421 BSc in Neuroscience, 3<sup>rd</sup> year course (with K. Sharkey, F. Stahnisch, M.Hulliger and W. Glannon)
- 2012 HTST 477 Topics and Themes in the History of Science (with F. Stahnisch and others)
- 2012-2015 MDSC 508 BHSc Honors Thesis and Research Communication, Research in Progress sessions

**GRADUATE STUDENTS SUPERVISED**

- 1982 - 1984 Daniela Gadotti, AHFMR Student, M.Sc. defended: June, 1985
- 1983 - 1989 Janet Richmond, AHFMR Student, Ph.D. defended: April, 1989 (jointly with Dr. K. Lukowiak).
- 1988 - 1991 Kimberley McKenney, NSERC/AHFMR Student, M.Sc. defended: October, 1992
- 1988 - 1993 Piotr Kruk, AHFMR Student, Ph.D. defended: August, 1993
- 1991 - 1994 Isabelle Roger, M.Sc. defended: February, 1994
- 1991 - 1996 Neil Magoski, MRC/AHFMR/NCE Student, Ph.D. defended: July, 1996
- 1992 - 1994 Dan-Bing Wang, M.Sc. Student, defended October, 1994 (jointly with Dr. K. Lukowiak)
- 1994 - 1996 Dan Ryder (joint Philosophy/Neuroscience, co-supervised by Dr. C. Martin), M.Sc. defended: July 1996
- 1993 - 1997 Olivera Nestic, Ph.D. defended: July 1997
- 1997 - 2000 Matthew Larouche, M.Sc. student, defended: April 2000
- 1998 - 2001 Neal Melvin, M.Sc. student defended: 2001
- 2001 - 2004 Chi Diep, M.Sc. student defended: 2004
- 2012 - 2014 Kirsten Fiest, PhD student (supervisory committee member)
- 2012 - 2013 Ryan Reyes, MSc student (supervisory committee member)
- 2012 - 2013 Kelsey Lucyk, MSc student (supervisory committee member)
- 2012 - 2013 Farnaz Amoozegar, MSc student (supervisory committee member)
- 2009 - 2014 Sandra Berzins, Ph.D. student (co-supervisor) defended June 2014
- 2013 - 2016 Isabelle Vallerand, Ph.D. student (co-supervisor) defended: May 2016
- 2013 - 2015 Keltie MacDonald, MSc student (supervisory committee member) defended March 2015
- 2013 - Present Brianne Collins, PhD student (supervisory committee member)

**EXTERNAL EXAMINER**

- 1991 M.Sc. defense: Shelly-Ann Laberge, Department of Biology, McGill University
- 1993 Ph.D. defense: Elisabeth Quinlan, Dept. Biological Sciences, University of Illinois Chicago
- 1993 Ph.D. defense: Christopher Price, Department of Zoology, University of Alberta
- 1994 Ph.D. defense: Pia Svedsen, Department of Biochemistry, University of Calgary
- 1997 Ph.D. defense: Saobo Lei, Department of Pharmacology, University of Alberta
- 2012 MSc defense: Brianne Collins, Department of Psychology, University of Calgary
- 2013 MSc defense: Kate Murphy, Greek and Roman Studies, University of Calgary
- 2014 PhD defense: Jody Arndt, Department of Psychology, University of Calgary
- 2016 MSc defense: Amanda Fernandez, Department of Psychology, University of Calgary
- 2016 MSc defense: Yasmile Caranza, Department of Neuroscience, University of Calgary

**EXTERNAL EXAMINER FOR CANDIDACY EXAMINATIONS**

- 1996 Ph.D. Candidacy: Cheryl Wohl, Department of Anatomy, University of Calgary
- 2001 Ph.D. Candidacy: Roy Sillitoe, Department of Neurosciences, University of Calgary
- 2001 Ph.D. Candidacy: Peter Larsen, Department of Neuroscience, University of Calgary
- 2007 Ph.D. Candidacy: Jessica McLachlan, Department of Psychology, University of Calgary
- 2011 Ph.D. Candidacy: Elizabeth Freiheit, Department of Community Health Sciences, University of Calgary
- 2011 Ph.D. Candidacy: Andrea Soo, Department of Community Health Sciences, University of Calgary
- 2013 Ph.D. Candidacy Brianne Collins, Department of Psychology, University of Calgary

**SUPERVISORY COMMITTEES**

- 1983 - 1991 Maeve O'Beirne, Ph.D. student. Defended: April, 1991.
- 1985 - 1987 Catherine Leonard, M.Sc. student. Defended: October, 1987

- 1987 - 1988 Murray Jensen, M.Sc. student. Defended: November, 1988
- 1987 - 1989 Christopher Voll, Ph.D. student. Defended: June, 1989
- 1990 - 1992 Lorraine Anderson, M.Sc. student. Defended: June, 1992
- 1989 - 1994 Craig Krekoski, Ph.D. student. Defended: September, 1994
- 1991 - 1993 Nadine Ewadinger, M.Sc. student. Defended: June, 1993
- 1991 - 1994 Brent Reynolds, Ph.D. student. Defended: February, 1994
- 1992 - 1994 Dan-Bing Wang, M.Sc. student. Defended: September, 1994
- 1992 - 1995 Chang Zhu, M.Sc. student. Defended: January, 1995
- 1993 - 1994 Shireen Ahmed, M.Sc. student. Defended: September, 1994
- 1994 - 1999 Khan Ozol, Ph.D. student. Defended: April 6, 1999
- 1996 - 1998 Andrew Fischer, Ph.D. student. Defended: October 5, 1998
- 1996 - 2001 Bill Panenka, M.Sc. student. Defended July, 2001
- 1997 - 1999 John Gudgeon, M.Sc. student. Defended: May 21, 1999
- 1998 - 2001 Shane Ferguson, M.Sc. student. Defended April, 2001
- 1998 -2002 James Kennedy, Ph.D. student, Defended, July 2002
- 2000 - 2001 Constance Riess, M.Sc. student, Defended November 2001
- 2000 - 2002 Kathy Lencses, M.Sc. student, Defended January 2002
- 2000 - 2002 Mark Ballerman, M.Sc student, Defended November 2002
- 2001 - 2005 Christine Webber, PhD student, Defended
- 2001 - 2005 Roy Sillitoe, Ph.D. student, Defended
- 2003 - 2010 Rowena Cua, Ph.D. student, Defended July 2010
- 2007- 2009 Jennifer Yelland, M.Sc. student, Defended 2009
- 2007- 2011 Salma Khaled, Ph.D. student, Defended December 2011

- 2011 – 2013 Nithya Kondura, Medical Sciences, Defended May 2013
- 2012 – 2013 Kelsey Lucyk, MSc student, Community Health Sciences, Defended July 2013
- 2012 – 2013 Ryan Reyes, M.Sc. student, Community Health Sciences, Defended
- 2012 – 2014 Kirsten Fiest, Ph.D. student, Community Health Sciences, Defended April 2014
- 2009 - 2015 Sandy Berzins, Ph.D. student, Community Health Sciences, Defended June 2015
- 2012 – 2014 Farnaz Amoozegar, MSc student, Neuroscience, Defended May 2015
- 2013 – 2016 Isabelle Vallerand, PhD student, Community Health Sciences, Defended May 2016
- 2013 – 2015 Keltie MacDonald, MSc student, Community Health Sciences, Defended May 2015
- 2013 – 2015 Brianne Collins, PhD student, Psychology, Defended May 2015
- 2015 – 2017 Ruth Diaz, MSc student, Community Health Sciences, Defended May 2017
- 2016 – Present Quinn McLellan, MSc student, Medical Sciences
- 2017 – Present Michael Sanderson, PhD student (supervisory committee member)

**POSTDOCTORAL FELLOWS SUPERVISED**

- 1984 - 1986 Dr. A. Don Murphy, AHFMR Fellow (jointly with Dr. K. Lukowiak; presently Associate Professor, Dept. Biological Sciences, University of Illinois -Chicago).
- 1985 - 1988 Dr. Robert Berdan, AHFMR Fellow (presently Scientific Director, Calgary Science Center).
- 1988 - 1991 Dr. Richard Ridgway, AHFMR/NCE Fellow (presently Associate Professor, Department of Biology, Seattle Pacific University).
- 1988 - 1991 Dr. Naweed Syed (presently Associate Professor, Department of Anatomy, University of Calgary).
- 1995 - 1996 Dr. Ronald van Kesteren, AHFMR/Netherlands Acad. Sci. Fellow
- 1993 - 1999 Dr. Willem Wildering, NCE/AHFMR Fellow
- 1994 - 1999 Dr. Petra Hermann, PDF

**SERVICE TO UNIVERSITY COMMITTEES AND RESEARCH GROUPS**

- 1983 Physiology Department Headship Review Committee.
- 1983 - 1985 Secretary of Neuroscience Research Group
- 1984 - 1986 Student Appeals Committee, Faculty of Medicine
- 1986 - 1987 Representative of Faculty of Medicine at the Council of the Faculty of Management
- 1987 - 1988 Nominating Committee, Faculty of Medicine
- 1988 - 1990 Trusts Committee, Faculty of Medicine
- 1988 - 1990 Chair, Neuroscience Research Group
- 1988 - 1989 Research Committee, Faculty of Medicine
- 1989 - 1991 Chairman of Research Committee, Faculty of Medicine
- 1989 - 1991 Advisory Committee to Heritage Medical Research Clinic
- 1990 - 1994 Electives Planning Committee, Faculty of Medicine
- 1990 - 1991 Advisory Committee for Roy Allen Vision Endowment
- 1992 Physiology Department Headship Review Committee
- 1992 - 1994 Graduate Education Committee, Department of Neuroscience
- 1992 - 1993 Accreditation Review Committee on Basic Science Departments
- 1992 - 1994 AHFMR Travel and Visiting Lecturers Committee
- 1993 - 1995 Executive Faculty Council, Faculty of Medicine
- 1994 - 1995 Chair, AHFMR Travel and Visiting Lecturers Committee
- 1993 - 1998 Physiology Department Promotions Committee
- 1994 - 1998 Graduate Coordinator, Department of Neuroscience
- 1995 - 1998 Academic Program Committee, Faculty of Graduate Studies
- 1995 - 1998 Appeals Committee, Faculty of Graduate Studies



- 1990 - 1998      Advisory Committee to Julia MacFarlane Diabetes Research Centre
- 1992 - 2000      Graduate Education Committee, Department of Neuroscience
- 1996 - 1997      Search Committee for Dean, Faculty of Graduate Studies
- 2001 - 2003      Dean's Representative, Nominating Committee, Faculty of Medicine
- 2002 – 2003      Chair, Neuroscience Research Group, Department of Neuroscience
- 2000 - 2002      Student Appeals Committee, Faculty of Medicine
- 1992 - 1995      Neuroscience Research Group Executive Committee, Faculty of Medicine
- 2000 - 2002      General Faculties Council, Library Committee, University of Calgary
- 2001 - 2004      Graduate Education Committee, Department of Neuroscience
- 2002 – 2003      Search Committee for Head of Division of Neurosurgery
- 2002 – 2003      Chair, Brain Awareness Day Organizing Committee, Neuroscience Research Group
- 2002 - 2004      Member, General Faculties Council, University of Calgary
- 2003 – 2004      Member, Search Committee for Comparative Neuroscientist, Div. of Zoology
- 2003 – 2004      Member, Organizing Committee of Calgary Brain Institute Research Day (2004)
- 2003 – 2004      Member, Organizing Committee, Calgary Health Region Research Day (2004)
- 2003 - 2006      Executive Faculty Council, Faculty of Medicine
- 2005 - 2008      Academic Program Committee, Faculty of Graduate Studies
- 2006 - 2008      Chair, Hotchkiss Brain Institute, Open House Organizing Committee
- 2006 - 2010      Member, Student & Resident Appeals Committee (shadow), Faculty of Medicine
- 2007-2009      Mini-Med School Organizing Committee
- 2010-2010      Faculty of Medicine CRC Chairs Review Committee
- 2009-2011      Organizing committee: ISHN/Cheiron meeting in Calgary/Banff, June 2011
- 2010-2013      General Faculties Council, University of Calgary

- 2011 Faculty of Medicine Institutes Review Committee
- 2011-2014 Chair, Scientific Merit Review Panel (Animals), University of Calgary
- 2010-2015 University Animal Welfare Committee, University of Calgary
- 2012 – 2014 Neutral Chairs Committee, Department of Community Health Sciences
- 2014 – 2016 International Association for Child and Adolescent Psychiatry and Allied Professions 2016 World Congress Organizing Committee
- 2016 – 2016 Cumming School of Medicine's Faculty Tenure and Promotion Committee

**PRESENT:**

- 2008-present Member, Hotchkiss Brain Institute, Brain Bee Organizing Committee
- 2010-present History of Neuroscience Collection Steering Committee
- 2013 – present History of Neuroscience Interest Group Organizing Committee
- 2015 – present Leadership Team, Mathison Centre for Mental Health,
- 2016 – present Science Students Appeal Committee, Cumming School of Medicine
- 2016- present Scientific Research and Innovation Committee, Hotchkiss Brain Institute
- 2017 – present Mental Health Strategy Implementation Advisory Committee
- 2017 – present Executive Committee Member, Neuro Research Clinics, HBI
- 2017 – present Chair, Website Committee for Neuro-Research Clinics, HBI
- 2017 – present Member, Training Committee, HBI
- 2017 – present Member, International Program Committee, HBI
- 2017 – present Member, Department of Psychiatry, Fellowships Committee
- 2017 – present Lead, Mental Health Internal Peer-Review, HBI
- 2017- present Chair, Mathison Centre Community Connections Committee (MC4)
- 2018 – present Member, Clinical/Adjunct Promotions Committee, Department of Psychiatry

2018 – present Member, Leadership Team, Mental Health NeuroTeam, Mathison Centre for Mental Health & Research, Hotchkiss Brain Institute

### **SERVICE TO PROVINCIAL, NATIONAL AND INTERNATIONAL BODIES**

1987 - 1989 MRC Studentship Committee "B".

1989 - 1992 MRC Neurological Sciences Committee

1991 - 1994 Society for Neuroscience Program Committee

1993 - 1995 Organising Committee: Cold Spring Harbor "*Neurobiology of Aplysia*" Symposium

1993 - 1999 Organising Committee: *International Congress of Comparative Physiology and Biochemistry*, Calgary, 1999

1995 - 1997 Alberta Heritage Foundation for Medical Research: Major Equipment Committee

1996 - 1997 President Elect, Canadian Association for Neuroscience

1997 - 1999 President, Canadian Association for Neuroscience

1998 – 2000 MRC Scientists “A” Committee

1998 – Present NeuroPartners Canada, Scientific Advisory Council

1999 - 2000 MRC Neurosciences "B" Committee

1999 - 2001 Chair, Nominating Committee, Canadian Association for Neuroscience

1999 - 2001 Membership Committee, Society for Neuroscience

2001 - 2004 Membership Committee, Society for Neuroscience, Co-Chair

2001 - 2004 Funding Resource Co-ordinator, International Brain Research Organization

2002 – 2009 CIHR, Strategic Training Grants Committee

2016 – 2017 Depression Hubs-National Advisory Committee, Canadian Depression Research and Innovation Network

2016 – 2017 Depression Hubs Scientific Advisory Working Group, Canadian Depression Research and Innovation Network

**PRESENT:**

2007 - Present Statistics Canada/SSHRC, Research Data Center Applications Review committee

2011 – Present Alberta Medical Foundation Board

2013 – Present Global Burden of Disease Expert in Mental Health

2016 – Present Steering Committee, Campus Alberta Neuroscience

2016-Present: Depression Initiative Committee, Campus Alberta Neuroscience

**SERVICE TO EDITORIAL BOARDS AND GRANT AGENCIES**

Editorial board member: Invertebrate Neuroscience

Ad hoc reviewer: National Institute of Health (U.S.A.); National Science Foundation (U.S.A.);  
CIHR (Canada), NSERC, SSHRC

Reviewer for: Can J Psychiatry; Depression and Anxiety; Drug and Alcohol Dependence;  
Pharmacoepidemiology and Drug Safety; Can J Neurological Sciences; Social  
Science and Medicine

(formerly J Comp. Neurology; J Neurophysiology; J Experimental Biology;  
J Neurobiology; J Neuroscience; Neuroscience; Cell and Tissue Research;  
Biological Bulletin; Brain Research; J Cell Biol).

**INVITED SPEAKER**

1980 Department of Anatomy, State University of New York, Stony Brook

1980 Department of Biological Sciences, Columbia University, New York

1980 Department of Neurobiology, University of California at Irvine

1980 Department of Biological Sciences, Northwestern University, Chicago

1980 Department of Biological Sciences, University of Southern California, Los Angeles

1981 Neuroscience Research Group, University of Calgary

1985 Faculty of Biology, Free University of Amsterdam

1986 "*Day of Neuroscience*" - June 15, Canadian Association for Neuroscience, Guelph,  
Ontario.

- 1986 Symposium: "*Molluscan Neurobiology #2*"- August 18-22, Amsterdam, The Netherlands.
- 1986 Symposium: "*Nervous System Regeneration in the Invertebrates*", Dec. 27-30, American Society of Zoologists Annual Meeting, Nashville, Tennessee.
- 1987 Friday Harbor Laboratories, University of Washington
- 1988 Workshop: "*Invertebrate Synapses*" - Nov. 12, Society for Neuroscience Annual Meeting, Toronto, Ontario.
- 1988 Neuroscience Research Group, University of Alberta
- 1990 Workshop: "*Comparative Aspects of Age-induced Plasticity*" - April 5-7, University of Kentucky, Lexington, Kentucky.
- 1990 Symposium: "*Molluscan Neurobiology #3*" - Aug. 20-24, Amsterdam, The Netherlands.
- 1991 Department of Physiology, Queen's University
- 1991 Department of Anatomy and Neurobiology, Colorado State University
- 1992 Symposium: "*Neurons in Culture*" - April 9-10, Society for Experimental Biology Annual Meeting, Lancaster, U.K.
- 1992 Canadian Society for Zoologists Annual Meeting, Antigonish, Nova Scotia.
- 1992 Symposium: "*Development and Regeneration of Neural Circuits*" - March 29th, at Midwest Neurobiologists Annual Meeting, University of Missouri, Columbia, Missouri.
- 1992 Friday Harbor Laboratories, University of Washington
- 1993 Symposium: "*Neurobiology of Aplysia*" -April 21-25, Cold Spring Harbor, New York.
- 1993 Symposium: "*The Nervous Systems of Invertebrates -- A Comparative Approach*" - October 4-7th, Konstanz University, Germany.
- 1993 Department of Zoology, Iowa State University
- 1993 Department of Anatomy, University of Saskatchewan
- 1994 Symposium: "*Molluscan Neurobiology #4*" - June 1-4th, Amsterdam, The Netherlands.
- 1995 Symposium: "*Molecular and Behavioral Biology of Aplysia and Related Molluscs*" - April 19-23rd, Cold Spring Harbor, New York.

- 1995 Friday Harbor Laboratories, University of Washington
- 1996 International Medical Exchange, Sapporo Medical University
- 1996 Department of Physiology, Sapporo Medical University
- 1996 Department of Biology, Hokkaido University
- 1996 Department of Physiology, Kagawa Medical University
- 1996 Department of Biological Sciences, Hiroshima University
- 1996 Department of Biology, Kobe University
- 1996 Department of Physics, Kyoto Sangyo University
- 1997 Department of Pharmacology, University of Alberta
- 1998 Department of Zoology, University of British Columbia
- 1998 Neuroscience Program, University of Lethbridge
- 2000 University of Puerto Rico, San Juan, Puerto Rico  
Tropical Neuroethology summer course (3 seminars & 1 week lab)
- 2002 University of Illinois at Chicago (2 seminars), Department of Biological Sciences
- 2003 Symposium: "*Growth Factors in Invertebrates*", Society for In Vitro Biology, Oregon

**VISITING SCIENTISTS HOSTED**

- Dr. Y. Fujito** Assistant Professor, Department of Physiology,  
Sapporo Medical College, Sapporo, Japan  
(September 1989 - March 1990)
- Dr. J. van Minnen** Associate Professor, Department of Biological Sciences,  
Free University, Amsterdam, The Netherlands  
(March 1992)
- Dr. R. Ridgway** Assistant Professor, Department of Biology,  
Seattle Pacific University, Washington, U.S.A.  
(July - August, 1992 & 1993)
- Dr. J.E. Vreugdenhil** Universitair docent,  
Department of Biochemistry and Molecular Biology  
Vrije Universiteit, Amsterdam, The Netherlands

(July - August 1993)

**O.B. Nestic**                      Research Assistant,  
Institute for Biological Research  
University of Belgrade  
(1993 - 1997)

**Dr. S. Kobayashi**            Assistant Professor  
Sapporo Medical College, Sapporo, Japan  
(January – March 2003)

### **RESEARCH GRANTS**

- 1982                      Establishment Grant - (\$143,663)  
Alberta Heritage Foundation for Medical Research.
- 1982 - 1984            Operating Grant - (\$36,760/yr.)  
Alberta Heritage Foundation for Medical Research.  
*"The cellular basis of adult neuronal plasticity".*
- 1982 - 1984            Operating Grant - (\$26,625/yr.)  
Medical Research Council (Canada).  
*"The dynamic capabilities of form and function in an adult nervous system".*
- 1984 - 1987            Operating Grant - (\$39,281/yr.)  
Medical Research Council (Canada).  
*"Neurite outgrowth and synapse formation in an adult nervous system".*
- 1985 - 1987            Operating Grant - (\$35,582/yr.)  
Medical Research Council (Canada).  
*"Regulation of feeding by peptides and monoamines".*  
(jointly held with K. Lukowiak)
- 1987                      Major Equipment Grant - (\$97,224)  
Alberta Heritage Foundation for Medical Research.  
*"Optical measurement of intracellular calcium."*  
(jointly held with B. MacVicar and T. Reh).
- 1987 - 1990            Operating Grant - (\$59,800/yr.)  
Medical Research Council (Canada).  
*"Modulation of sprouting by adult neurons".*
- 1987 - 1991            Operating Grant - (\$36,800/yr.)  
Medical Research Council (Canada).  
*"Regulation of feeding by neurons and blood-borne agents".*  
(jointly held with K. Lukowiak).

- 1988 - 1989      Operating Grant - (\$36,730/yr.)  
Canadian Paraplegic Association.  
*"Protein B50 and the injured nervous system."*  
(jointly held with M. Bisby, A. Clark, I. Parhad, T. Reh and H. Zwiers).
- 1990 - 1993      Operating Grant - (\$56,000/yr.)  
Medical Research Council (Canada).  
*"Modulation of sprouting by adult neurons."*
- 1991 - 1994      Operating Grant - (\$20,000/yr.)  
Natural Sciences and Engineering Research Council of Canada. *"Neural basis of behavior."*
- 1992 - 1994      Operating Grant - (\$27,000/yr.)  
Networks of Centres of Excellence.  
*"CNTF receptor, signal transduction and receptor tyrosine kinase",*  
(with S. Carbonetto, R. Dunn, P. Richardson, and R. Riopelle).
- 1992 - 1994      Operating Grant - (\$5,000/yr.)  
North Atlantic Treaty Organization.  
*"Localisation of a neurotrophic factor",*  
(with R. Ridgway)
- 1993 - 1998      Operating Grant - (\$83,000/yr.)  
Medical Research Council (Canada).  
*"Modulation of neurite outgrowth by adult neurons."*
- 1994 - 1998      Operating Grant - (\$30,000/yr.)  
Natural Sciences and Engineering Research Council of Canada  
*"Neural basis of behavior." (With Dr. K. Lukowiak)*
- 1995 - 1996      Major Equipment Grant - (\$86,000)  
Alberta Heritage Foundation for Medical Research  
(With Drs. K.Lukowiak and N.I.Syed)
- 1995 - 2000      Operating Grant - (U.S.\$15,000/yr.)  
Howard Hughes Collaborative Eastern European Program  
*ANitric oxide in the Lymnaea nervous system. ≅*  
(With Drs. L.Moroz, K.Lukowiak and N.I.Syed)
- 1996 - 1997      Major Equipment Grant - (\$75,000)  
Alberta Heritage Foundation for Medical Research  
(With Drs. K. Lukowiak and N.I. Syed)
- 1997 - 2000      Operating Grant - (U.S.\$44,000/yr)



Human Frontier Science Program

*ANeurotrophic factors and receptors in defined networks.*≡

(With Drs. C.F. Ibanez, M. Fainzilber, G. Smit and A. Burlingame)

- 1998 – 2001      Operating Grant - \$103,000/yr)  
Medical Research Council of Canada/ Canadian Institutes of Health Research  
“*Molecular and Cellular Analysis of neuronal plasticity*”
- 2000 - 2001      Major Equipment Grant - (\$20,000)  
Alberta Heritage Foundation for Medical Research
- 2001 - 2004      Operating Grant - (\$104,000/yr), Canadian Institutes of Health Research  
“*Molecular and Cellular Analysis of neuronal plasticity*”
- 2002 - 2004      Operating Grant – (\$32,209/annum) NSERC “Neuromodulatory actions of  
integrins” My role: Co-PI. (PI:Dr. W. Wildering)
- 2002 - 2003      Major Equipment Grant – (\$ 89,000), Alberta Heritage Foundation for Medical  
Research
- 2002 - 2003      Major Equipment Grant – (\$70,000) Alberta Heritage Foundation for Medical  
Research, My role: Co-PI (PI: Dr. D. Zochodne)
- 2007 - 2008      Operating Grant: University Research Grants Committee: "Major depression  
and marital status" 2007 - \$9,912 (with Dr SB Patten).
- 2007-2008      Operating Grant: Hotchkiss Brain Institute: “Psychiatric epidemiology of bipolar  
disorder in Alberta and Calgary” - \$15,000.
- 2009-2013      Operating Grant: Hotchkiss Brain Institute: “Pilot study for prospective survey of  
major depression in Calgary”-\$20,000 (with Dr SB Patten)
- 2010-2013      Operating grant: Alberta Addiction and Mental Health Research Partnership  
Program: “Disability, Impairment, Participation and Mental Health in Multiple  
Sclerosis”-\$70,000/yr (with Dr SB Patten and Dr L Metz)
- 2011-2014      Operating grant: Institute for Health Economics “Depression and co-morbid pain  
conditions: pattern of influence on health utility ratings”-\$123,960 total (with Dr  
SB Patten, Dr G. Currie and Dr H. Emory).
- 2012-2015      Emerging Research Team Operating grant: Faculty of Medicine and Alberta  
Health Services: “The **NEurological Disease and Depression Study (NEEDS)**”-  
\$150,000/yr (PIs Dr N. Jette and S.B. Patten).
- 2012-2013      Operating grant: Clinical Research Unit, University of Calgary: “Towards a new  
measure of the burden of major depression”-\$15,000 (PI with Dr SB Patten).

- 2013-2015 Operating grant: Canadian Institutes of Health Research: "Is mental health changing over time?" \$114,704/year (MOP-299799) (PI SB Patten, with JL Wang)
- 2015-2018 Operating grant: Movember Foundation. Canadian Mental Health Initiative "Early identification and prevention of major depression in male workers". Principal Investigator: **Wang JL**. Co-investigators: Aiken A, Attridge M, Bulloch A, Gundu S, Hanrahan M, Ho K, Hodgins D, Lam R, Lashewicz, B, Legge A, Manuel D, Z, Marchand A, Merali Z, Meurs J, Michalak E, Patten SB, Schmitz N. \$2,135,281 (total)
- 2016 Conference grant: AIHS Community Engagement and Conference Grant: Neuroscience Innovation for Improving Brain Health \$6,250.
- 2016-2018 Operating grant: Mental Health and School Success. Principal Investigator Arnold, P. Co-investigators; Bulloch A, Duffy A, Patten S, Dimitropoulos G, McLuckie A, Wilcox G, Letourneau N, Wang J-L, Addington A, Pringsheim T, McMorris, C, Nordstroke D. Brain and Mental Health Strategic Research Fund, University of Calgary: \$244,000 (total).

### **PEER REVIEWED PUBLICATIONS**

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