

CURRICULUM VITAE

PERSONAL DATA

NAME: GIANOULAKIS Christina

ADDRESS: Residence: 466 Melbourne Avenue
Town of Mount Royal
Quebec, Canada
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Business: Department of Psychiatry
McGill University
Douglas Hospital Research Centre
6875 LaSalle Blvd.
Verdun, Quebec, Canada
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FAX: (514) 762-3034

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UNIVERSITY STUDIES:

1963-1968 B.Sc. Major in Biochemistry, Academic Honors
Sir George Williams University, Montreal, Quebec,
Canada

1968-1974 Ph.D. Physiology (Endocrinology)
Rutgers University, New Brunswick, New Jersey, USA
Ph.D. Advisor: Dr. J.H. Leatham, Professor,
Depts of Zoology and Physiology, Rutgers University

Title of Doctoral Dissertation: Corpus luteum as related
to gonadotrophin treatment and adrenalectomy in immature
rat.

GRADUATE COURSE FIELDS:

- General and experimental endocrinology
- Comparative neuro-anatomy
- General, cell, mammalian, reproductive physiology
- Radiation biology
- General biochemistry

POST-DOCTORAL STUDIES:

- 1975-1979 Clinical Research Institute of Montreal with
Dr. M. Chretien. Topics studied:
(a) Hypothalamic hormones, MtT-F4 tumor and hyperlipidemia
(b) Opiate tolerance and the β -endorphin system

HONORS AND AWARDS:

- June 1968 Academic Honors, Sir George Williams University
- 1975-1978 Medical Research Council of Canada Fellowship
- 1978-1980 Killam Program Post-Doctoral Scholarship
- 1978-1980 The Joseph C. Edwards Foundation Grant Award.
- 1981-1986 Medical Research Council of Canada Scholarship

POSITIONS HELD:

- 1968-1970 Research Assistant; Bureau of Biological Research; Rutgers University,
New Brunswick, New Jersey, USA.
- 1970-1973 Teaching Assistant (Animal Histology and Endocrinology). Zoology
Department, Rutgers University.
- 1974-1975 Research Specialist, Bureau of Biological Research, Rutgers University
- 1975-1979 Post-Doctoral Fellow, Clinical Research Institute of Montreal
(Dr. M. Chretien)
- 1979-1980 Attachee de Recherche, Universite de Montreal
- 1980-1982 Assistant Professor, Department of Pharmacology, University of Toronto.
- 1982-1988 Assistant Professor, Department of Psychiatry, McGill University

- 1983-1988 Assistant Professor, Department of Physiology McGill University
- 1984-present Research Scientist, Douglas Hospital Research Centre
- 1985-present Medical Scientist in Psychiatry, Royal Victoria Hospital
- 1988-present Associate Professor, Department of Psychiatry, McGill University
- 1988-present Associate Professor, Department of Physiology, McGill University
- 1996-present Adjunct Professor, Union University Ohio USA
- 2002-present Professor, Department of Psychiatry, McGill University

TEACHING:

UNDERGRADUATE COURSES:

- 1983-1997 Physiology 311A Endocrine System
- 1986-1988 Physiology 211D Endocrinology Laboratory
- 1991 and 1993 Physiology 459D Research Seminars in Physiology
- 1992-1993 Psychiatry 555-500B Advances in Neurobiology of Mental Disorders
- 1983-present Physiology 202B Endocrine System
- 1984-present Physiology 461D Research Projects in Physiology
- 1992-2001 Physiology 212D Introductory Physiology Laboratory
- 1992-present Physiology 359D Research Topics in Physiology
- 1997-2001 Physiology 209 A Endocrine System
- 2001-2002 Physiology 311 A Endocrine and Reproductive Systems
- 2001-present Physiology 351 B Advanced Lab in Physiology: Endocrinology Lab.

GRADUATE COURSES:

- 1983-1985 Initiated and organized the Weekly Seminar Series of the department of Psychiatry in the Allan Memorial Institute, Research and Training.
- 1986-1987 Course on Basic Principles in Pharmacology. Douglas Hospital Research Centre (20 hrs).
- Summer 1987 Course in Neurosciences. Douglas Hospital Research Centre (18 hrs)
- 1986-1987 Neurosciences of Mental Health. Course for the Psychiatry Residents.
- 1989-1997 Organizer of the weekly seminars of the Douglas Hospital Research Centre (from September 15 to June 30 of each academic year)
- 1996-1997 Organizer of the drug abuse section of the training course "Mental Disorders: Basic and Clinical Aspects" (6 hrs).
- December 1986 Member of the predoctoral exams committee of the Physiology Department. 8 students, 45 min per student.
- June 1987 Member of the predoctoral exams committee of the Physiology Department. 20 students, 45 min per student.
- December 1987 Member of the predoctoral exams committee of the Physiology Department. 8 students, 45 min per student.
- June 1990 Member of the predoctoral exams committee of the Physiology Department. 8 students, 45 min per student.
- December 1990 Member of the predoctoral exams committee of the Physiology Department. 9 students, 45 min per student.
- June 1991 Member of the predoctoral exams committee of the Physiology Department. 9 students, 45 min per student.
- December 1991 Member of the predoctoral exams committee of the Physiology Department. 4 students, 45 min per student.

MEMBER OF THE M.Sc. AND Ph.D. THESIS ADVISORY COMMITTEE

- Claire Cnossen M.Sc. Thesis Supervisor Riaz Farookhi, Department of Physiology. 1986-1988.
- Ben Lee M.Sc. Thesis Supervisor, Riaz Farookhi, Department of Physiology 1988-1991
- P. Apostolakos M.Sc. Thesis Supervisor: Dr. Sairam Department of Physiology 1993-1995
- Graham M. Pitcher M. Sc. Thesis Supervisor: Dr. J.Henry Physiology 1992-1994
- Seema Batnagar Ph.D. Thesis Supervisor Dr. Michael Meaney. Department of Neurology and Neurosurgery 1990-1994
- Kathleen DesMaisons Ph.D. Thesis Supervisor Dr. Robert Atkins, Department of Addictive Nutrition. The Union Institute, Cincinnati, Ohio, USA. 1994-1997
- Emma Speekmeester MSc. Thesis Supervisor Dr. J. Rochford, Dept of Psychiatry McGill University. 1995-1997
- Naomi Machel Ph.D. Thesis Supervisor: Dr. Riaz Farookhi, Physiology McGill University. 1995-2002
- Graham M. Pitcher Ph.D. Thesis Supervisor: Dr. J. Henry, Physiology McGill University. 1995-2001
- Alfred Noubani Ph.D. Thesis Supervisor Dr. Jolanta Gutkowska, Department of Experimental Medicine, McGill University. 1996- 2001
- Saima Malik MSc. Thesis Supervisor Dr. Patritia Boksa, Department of Neurology and Neurosurgery, McGill University 1999-2002
- Raphael Vartazarmian Ph.D. Thesis Supervisor Dr. Patritia Boksa, Department of Neurology and Neurosurgery , McGill University. 1999-2002
- Amit Grover Ph.D. Thesis Supervisor Dr. Sairam Department of Physiology, McGill University. 2003-2005
- Sophie Couture Ph.D. Thesis supervisor Dr. Tom Brown Dept. of Psychiatry. McGill University 2005-

THESIS EXAMINER AND MEMBER OF THE THESIS COMMITTEE:

Steven List 1982	Ph.D., Department of Pharmacology, University of Toronto. Characterization of dopamine receptors
Linda Joy Iny 1987	M.A., Department of Psychology, Concordia University. The neuroendocrine response to stress in the developing rat pup.
Karl Sebok 1987	Ph.D., Department of Physiology, McGill University Studies on the metabolism of gonadotropin (follitropin) and analogues
Sarella Singer 1987	M.Sc., Department of Physiology, McGill University. Endogenous levels of some anesthetic steroids in rat brain and serum.
Claire Cnossen 1988 ovarian	M.Sc., Department of Physiology, McGill University. Constitutive release of luteinizing hormone in the polycystic disease.
Ben Lee 1991	M.Sc., Department of Physiology, McGill University. The role of intercellular communication in follicular development.
Yanguo Hong 1991	Ph.D., Department of Physiology, McGill University Amino acid receptors in control of sympathetic output in the spinal level: Mechanisms regulating arterial pressure and heart rate.
Edyta, Wrobel-Konrad 1992	Ph. D., Department of Experimental Medicine, McGill University Autoradiographic localization and characterization of natriuretic peptide binding sites in the rat central nervous system.
Renata Meyer-Tarazi 1994	Ph.D., Department of Biochemistry, McGill University Adrenal insufficiency associated with hypotension in transgenic mice overexpressing Atrial Natriuretic Factor.
Graham, Michael Pitcher 1994 spinal	M.Sc., Department of Physiology, McGill University Physiological and chemical mediators of an antinociceptive mechanism activated by heterosegmental synaptic input in the cord of the rat.
Deepa Joshi 1994	Ph.D. Department of Experimental Medicine, McGill University. Effects of aging in the female C57BL/6J mouse: The opiate-ergic

system and reproduction.

- Shirin Abdollah
1995 Ph.D., Department of Pharmacology and Experimental Therapeutics, Queens University, Kingston Ontario.
Ethanol neurobehavioral teratogenesis, ontogeny of and effects of ethanol exposure on hippocampal glutamate and N-methyl-D-aspartate binding sites in the guinea pig.
- Vito Romita
1995 Ph.D. Department of Physiology, McGill University
Neurophysiological and neurochemical basis of modulation of nociceptive reflexes by high intensity, low frequency activation of sensory fibres in the rat.
- Maryse Heroux
1996 Ph.D., Biomedical Sciences, University of Montreal.
Deficiency en thiamine: etude des ester de la thiamine et des thiamino-dependents dans le system nerveux central du rat.
- Kathleen DesMaisons
1997. Ph.D. Department of Addictive Nutrition, Union Institute, Cincinnati, Ohio, USA.
Influence of Nutrition in Alcohol Consumption by Problem Drinkers.
- Karen Aiko Kimura
1999 Ph.D. Department of Pharmacology and Toxicology; Queen's University, Ontario.
Hippocampal constitutive Nitric Oxide synthase in the guinea pig: Ontogeny and effects of chronic prenatal ethanol exposure in the near-term fetus.
- Pia Steensland
Januray 2002 Ph.D. Faculty of Pharmacy, Department of Department of Pharmaceutical Biosciences, Division of Biological Research on Drug dependence. University of Uppsala, Uppsala Sweden.
Anabolic Androgenic Steroids and the Brain
- Neil Stewart Butter
September 2002 Ph.D. Department of Pharmacology and Toxicology; Queen's University, Ontario.
Effects of chronic prenatal ethanol exposure on glutamate release and cGMP content in the hippocampus of the young postnatal guinea pig.
- Michelle Byrnes
September 2004 Ph.D. Department of Pharmacology and Toxicology; Queen's University, Ontario.
Ethanol neurobehavioural teratogenicity in the guinea pig
- Umar Iqbal
May 2006 Ph.D. Department of Pharmacology and Toxicology, Queen's University, Ontario.

of Ethanol Neurobehavioral Teratogenicity in the Guinea Pig. Role
The HPA-axis

AVERILL
Farah Therese
October 2007

M.A. Department of Psychology, McGill University
Perception of Facial Expressions of Emotions in Individuals with a
Family History of alcoholism versus controls.

STUDENT TRAINEES:**UNDERGRADUATE STUDENTS****Special Research Projects in Physiology:**

Alan Barcomb; Farley Moss; Julie Drake; Sandra Bekhor; June L. Chan; Daniel L'Abbe; Michell Engel; Neil Jamensky, John Klark; Nicole Bouchard; Laura Galiano; Emmanuel Dingeman; Amol Khaldikar; Mathiew Dessain; Terry Chung; Jan Hajec; Yasmin Nasser (1999-2000); Sonia Castiglione(2001-2002); Alexandra Kurtizky; Samara Hutkins (2002-2003);

Hailey Kanester (2003-2004; 2004-2005);

Nadia Roumeliotis (2004-2005)

Daryn Didyk (2005-2006)

Dianna Mitchel (2006-2007)

Caillan Loiseau (2007-2008)

Jonathon Milligan (2008-2009)

Students with Summer NSERC Scholarships:

Mark Jerrey; Toby Carnet; Pantelis Panopalis; Carmine Nudo

Medical Students Research Trainees:

Grace Kim; Laurie Neapole.

CEGEP Students:

Viviane Beaulieu (College de Sherbrooke)

GRADUATE STUDENTS

William D. Hutchison 1985	M.Sc. Department of Pharmacology, University of Toronto. Co-supervisor (Principal supervisor Dr. H. Kalant). Interactions of ethanol with the endogenous opioid system.
Murray Hong 1989	M.Sc., Department of Pharmacology and Toxicology, Queen's University, Kingston Ontario. Co-supervisor (Principal supervisor Dr. K. Jhamandas). An investigation into the hypothalamic release and actions of B-endorphin related peptide fragments.
Jean –Pascal De Waele 1994	Ph.D. Department of Physiology, McGill Univesrity. Implication of the endogenous opioid system on the genetic predisposition to alcoholism.
Pascal Guillaume 1996	Ph.D. Department of Physiology, McGill University. Antihypertensive and hypertensive effects of alcohol. Implication of endocrine and neuroendocrine peptides.
Neil Jamensky 1997	M.Sc. Department of Physiology McGill University Endogenous opioids and alcohol consumption

- Peter Marinelli
1998 M.Sc. Department of Psychiatry, McGill University
Differences in the content of pro-enkephalin and pro-dynorphin mRNA and opioid receptor density in the brains of AA and ANA rats.
- Joan Kent
1999 Ph.D. Department of Addictive Behaviors, The Union Institute (USA) Co-supervisor (principal supervisor Dr. Robert Atkins).
Binge eating may be an addictive disease with biochemical basis.
- Xing Dai
2001. M.Sc. Department of Psychiatry, McGill University.
Effect of ethanol and stress on the response of the hypothalamo-pituitary-adrenal axis and pituitary B-endorphin of unaffected subjects at high and low risk of alcoholism.
- Peter Marinelli
1999-Dec. 2004 Ph.D. Department of Neurology and Neurosurgery, McGill University. Co-supervisor Dr. R. Quirion
The Interaction of Alcohol with Endogenous Opioid Peptides in the
Rat Brain
- Aggeliki Katopodis
May 2003-Dec. 2004 M.Sc. Department of Psychiatry, McGill University
Gender Differences in the Response of the HPA-Axis to Alcohol and Stress.
- Minh Lam
Sept 2004-
Dec. 2006 M.Sc. Department of Physiology, McGill University
Effect of acute ethanol administration on the release of opioid peptides at the level of central amygdala in the rat: an in vivo microdialysis study.
- Samuel Jarjour
Sept. 2004-
May 2007 M.Sc. Department of Psychiatry, McGill University
Effect of acute ethanol administration on the release of opioid peptides at the level of ventral tegmental area using in vivo microdialysis.
- Minh Lam
Dec. 2006- Ph.D. Department of Physiology, McGill University
Expected to Graduate May 2010
Genetic influence on Ethanol – Opioid Peptide Interactions at the Level of Central Amygdala in the Rat Brain. An in Vivo Microdialysis Study

POST-DOCTORAL STUDENTS / VISITING SCIENTISTS:

Dr. A. Gupta Post-doctoral fellow. Department of Psychiatry, McGill
University. 1983-1985 Interactions of morphine or ethanol treatment with
the endogenous
opioid system.

Dr. P. Angelogianni Post-doctoral fellow. Department of Psychiatry, McGill
University. 1986-1990 Effect of prenatal exposure to ethanol on the
response of the
hypothalamic-pituitary-adrenal axis to stress at various stages of
post-natal development.

Dr. Li Hong-Ling Post-doctoral fellow. Department of Psychiatry, McGill
University. 1994-1996 Effect of prenatal-ethanol on brain and pituitary B-
endorphin
systems.

Dr. P. Angelogianni Visiting Scientist from the Department of Experimental
Physiology,
July 18 to Medical School, University of Athens, Athens, Greece
Septmeber 19, 1999 Ontogeny of the brain pro-opiomelanocortin system

Dr. C. Sanchis- Visiting Scientist from the Department of Psychobiology,
Segura. August 22- Universitat Jaume I de Castello, Castello Spain.
October 30, 1999 In vitro release studies.

COMMITTEE MEMBER:

1984-1986: Initiator and organizer of the weekly research seminars of the Department of Psychiatry, McGill University, at the Allan Memorial Institute, Research and Training Building.

1984-1985: Member of the Space Committee of the Allan Memorial Institute, Research and Training Building.

1985-1988: Member of the Committee of the Faculty of the Graduate Studies and Research of McGill University.

1987-1988: Member of the organizing committee for the 1988 annual meeting of the Canadian College of Neuropsychopharmacology.

1988-1991: Member of the FRSQ Committee for the evaluation of the applications for Post-Doctoral Fellowships.

1988-1989: Member, secretary and treasurer of the local organizing committee for the 1989 annual meeting of the International Narcotic Research Conference held at Ste-Adele, Quebec.

1988-1989: Organizer of the symposium on "Opiates and Alcohol Addiction" for the 1989 annual meeting of the International Narcotic Research Conference, held at Ste-Adele, Quebec.

February 1990: Member of the FRSQ committee for evaluation of the Research Centre Laval/Robert-Giffard.

October 1990: Member of the Tenure Committee of the Department of Psychiatry, McGill University.

April 30, 1991: Participated in the Department of Physiology Cyclic Review Committee

October 1991: Member of the Tenure Committee of the Department of Psychiatry, McGill University.

1990-1992: Member of the Douglas Hospital Recruitment Committee. Responsibilities included to organize the visits of the applicants, to schedule and announce the seminar presentations by the applicants, as well as to make arrangements for their hotel accommodations.

February 1992: External advisor for the Tenure Committee of the University of Oregon, USA for Dr. D. Keith.

April 1992: Pro-Dean at the doctoral oral examination of Edyta Wrobel-Konrad in the Department of Experimental Medicine, McGill University. **Thesis title:** Autoradiographic localization and characterization of natriuretic peptide binding sites in the rat central nervous system.

1992-1993: Member of the organizing committee for the 1993 annual meeting of the Canadian College of Neuropsychopharmacology.

March 1993: External advisor for the Tenure and Promotions Committee of the University of Colorado USA, for Dr. Jeanne M. Wehner.

1992-1993: Member of the McGill University Department of Physiology “Equity Action Plan Committee”.

January 1996: External advisor for the Promotion Committee of the faculty of Medicine, University of Toronto, for Dr. Larry Alexander Grupp

Academic years 1989-1997: Organizer of the weekly research seminars series for Douglas Hospital Research Centre.

1997: Member of the MRC committee for the selection of the chairperson of the Pharmaceutical Sciences Grant Committee.

1999-2002: Member of the Animal Biology Grant Selection Committee [GSC30] of the Natural Sciences and Engineering Research Council (NSERC) of Canada.

2001-2002: Member of the major equipment and major installations grant selection committee of the Natural Sciences and Engineering Research Council (NSERC) of Canada.

1999-2000: Member of the study session on alcoholism and toxicology of the National Institute of Health (USA)

2000: Member of the MRC committee for the selection of committee members and chairperson of the Pharmaceutical Sciences Grant Committee.

January 2002. New Emerging Team. CIHR external consultant.

May 2002: Member of the NIH study section ZAAA1 DD (11). NIAAA Exploratory/Developmental Grant Program (R21)

April 2002: External advisor for the Promotion Committee of the Faculty of Medicine of the University of Montreal for Dr. Marek Jankowski.

May 2002: External advisor for the Promotion Committee of the Department of Behavioural Neuroscience of the Oregon Health and Sciences University, Portland Oregon, USA. For Dr. Malcolm J. Low

February 2003: Member of the study session on alcoholism and toxicology of the National Institute of Health (USA)

October 2003: Member of the study session on alcoholism and toxicology of the National Institute of Health (USA)

May 2005:	Member of the CIHR Pharmaceutical Sciences Grant Committee
December 2005	Member of the CIHR Pharmaceutical Sciences Grant Committee
May 2006:	Member of the CIHR Pharmaceutical Sciences Grant Committee
December 2006	Member of CIHR Pharmaceutical Sciences Grant Committee
May 2007	Member of CIHR Pharmaceutical Sciences Grant Committee
November 2007	Member of CIHR Pharmaceutical Sciences Grant Committee
May 2008	Member of CIHR Pharmaceutical Sciences Grant Committee

2004-2007	Member of the CARC committee of Douglas Hospital Research Centre
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June 5-7, 2007	Member of the NIH Reverse Site Visit for Evaluation of the Comprehensive Alcohol Research Center Application of The Scripps Research Institute on “CNS Effects of Alcohol: Cellular Neurobiology”
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December 2008	Member of the Academic Hellenic Scholarships Committee. The committee reviews applications of undergraduate and graduate students, ranks them and submits its recommendation to the President of the Hellenic Scholarships Foundation.
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January 2009: External advisor for the Promotion Committee of the Department of Pharmacology and Toxicology of the University of Toronto on the promotion of or Dr. A.D. Le from Associate Professor to Professor.

GRANTING AGENCY REFEREE:

- Canadian Institutes of Health Research (CIHR)
- Natural Sciences and Engineering Research Council of Canada (NCERC)
- National Institute of Health (USA)
- Ontario Mental Health Foundation
- FRSQ
- The Hospital for the Sick Children Foundation Toronto, Ontario
- Addiction Research Foundation, Toronto Ontario
- Human Frontier Science Program (HFSP)
- Nashville VA Review Board USA
- The Texas Research Society on Alcoholism
- The Israel Science Foundation
- The Wellcome Trust Medical Research Foundation (U.K.)
- Medical Research Council U.K.

REVIEWER OF SCIENTIFIC JOURNALS

- Psychoneuroendocrinology
- Alcoholism: Clinical and Experimental Research
- Biochemistry and Cell Biology
- Neurosciences Letters
- Journal of Psychiatry and Neuroscience
- Journal of Neurochemistry
- Brain Research
- Alcohol
- Pharmacology Biochemistry and Behavior
- Psychopharmacology
- J. Studies on Alcohol
- Alcohol World Health & Research.
- Disease Management & Health Outcomes (Published by Adis International)
- Biochimica and Biophysica Acta
- Archives of General Psychiatry
- J. of Chemical Neuroanatomy
- Hormones and Behavior
- Neuropsychopharmacology
- J. Neuroendocrinology
- The American Journal of Psychiatry
- Progress in Neuropsychopharmacology

MEMBERSHIP IN SCIENTIFIC SOCIETIES:

- Research Society on Alcoholism.
- International Society of Biomedical Research on Alcoholism.
- European Society of Biomedical Research on Alcoholism
- Canadian College of Neuropsychopharmacology.

INVITED LECTURES:

Allan Memorial Institute. Seminar Series for the Residents in Psychiatry. January, 1983.

Department of Physiology, McGill University. Research Seminars, February, 1983.

Clinical Research Institute of Montreal. Research Seminars, February, 1983.

Department of Psychiatry, McGill University, Allan Memorial Institute, Research and Training. Research Seminars, October, 1983.

Department of Pharmacology and Toxicology, Queen's University, Kingston, Ontario. Research Seminars, December, 1983.

Department of Pharmacology, University of Toronto. Research Seminars, January 1984.

Symposium on "Alcoholism: Recent Research" Potential Biological Markers in High Risk Subjects. Sponsored by the Douglas Hospital Continuing Medical Education Program. November 1984

Department of Psychiatry, McGill University, Allan Memorial Institute, Research and Training. Research Seminars, December, 1984.

Clinical Research Institute of Montreal. Research Seminars, March 1985.

Douglas Hospital Research Centre. Research Seminars, March 1985.

Workshop on Genetic Predisposition to Alcoholism. Douglas Hospital Research Centre, October 1985.

Department of Psychiatry, McGill University, Allan Memorial Institute, Research and Training. Research Seminars, March 1986.

Clinical Research Institute of Montreal. Research Seminars, November 1986.

St. Mary's Hospital Centre, Psychiatry Grand Rounds. Research Seminars, February 1987.

Department of Pharmacology and Therapeutics, McGill University. Research Seminars, February 1987.

Department of Physiology, McGill University. Research Seminars, March 1987.

Chairperson in the Symposium on “Molecular Biology of Endocrine Peptidergic Systems” of the Conference on Gene Expression and Biomedical Applications. Montreal, Quebec, October 1987.

Clinical Research Institute of Montreal. Research Seminars, May 1988.

Department of Neuroscience, McMaster University, Hamilton, Ontario. Research Seminars, February 1989. Ontario-Quebec Exchange Program.

Department of Physiology, University of Toronto, Toronto, Ontario. Research Seminars, February 1989. Ontario-Quebec Exchange Program.

Department of Physiology University of Ottawa, Ottawa, Ontario. Research Seminars, February 1989. Ontario-Quebec Exchange Program

Department of Physiology, Universite de Montreal. Research Seminars, March 1989. Ontario-Quebec Exchange Program

Centre de Recherche de L’Hopital L’Enfant Jesus, Universite Laval, Quebec. Research Seminars, March 1989. Ontario-Quebec Exchange Program.

Department of Pharmacology, Queen’s University, Kingston, Ontario. Research Seminars, March 1989. Ontario-Quebec Exchange Program

Clinical Research Institute of Montreal. Research Seminars, April 1989. Ontario-Quebec Exchange Program.

Hopital Pierre Janet, Department of psychiatry, Hull, Quebec. Research Seminars, May 1989. Ontario-Quebec Exchange Program

Satellite Meeting of the 1989 Annual meeting of the Society of Neuroscience on “Opioids, Bulimia and Alcohol Abuse and Alcoholism”. Toronto, Ontario. November, 1989.

Symposium on “Effects of Alcohol on the Endocrine System” at the Annual Meeting of the Research Society on Alcoholism, Beaver Creek, Colorado, June 1989.

Symposium on “The Ontogeny of the Endogenous Opioid System” at the 1989 Annual Meeting of the International Narcotic Research Conference, Ste-Adele, Quebec, July 1989.

Symposium on “Stress and Coping” at the 1990 Annual convention of the Canadian Psychological Association. Ottawa, Ontario. May 1990.

Symposium on “Genetics and Alcoholism: Recent Advances” Sattelite Symposium of the 1990 annual Meeting of the International Society of Biomedical Research on Alcoholism (ISBRA) and Research society on alcoholism. Montreal, June 1990.

Department of Physiology, McGill University, Montreal. Research Seminars, February 1991.

Department of Nephrology Reseach Seminar Series, Royal Victoria Hospital of Montreal. January, 1992.

Hopital Saint-Luc of Montreal, Andre-Viallet Clinical Research Center. Research Seminars, March 1992.

Skitch Symposium, on the “Genetics of Alcoholism” Douglas Hospital. November, 1992.

Research Day in Psychiatry. McGill University. November 1993.

Symposium on “Opiate Antagonists and Alcohol Abuse”. Addiction Research Centre of the University of Pennsylvania. Philadelphia Pennsylvania, January 1993.

Department of Obstretics and Gynaecology, McGill University. Research Seminars, April 1994.

Symposium on “Endogenous Opioids in the Treatment of Alcohol Dependence”. Collegium Internationale Neuro-Psychopharmacologicum. Washington, D.C., June, 1994.

Consensus Conference on “The Neuropharmacology of Alcohol Dependence and the Role of Pharmacotherapy in its treatment”. Sponsored by Dupomt Pharma and held in Amsterdam on September, 1994.

NIH sponsored symposium on “Stress, Gender and Alcohol-Seeking Behavior”. Washington D.C. September, 1994.

Department of Pharmacology and Experimental Therapeutics, Queen’s University, Kingston Ontario. Research Seminars, February, 1995.

A close circuit televised presentation on “Pharmacotherapy Advances in the Treatment of Alcoholism”. Directed to clinicians treating alcohol and other drug abuse problems and sponsored by the St. Louis Continuing Education Centre. St Louis, November 30, 1995.

Symposium on “Opioid System and Drugs of Abuse” Annual Meeting of the International Narcotic Research Conference. Hong-Kong, August, 1997

Symposium on “Trait and State Markers for Alcoholism” Annual Meeting of the Canadian Psychiatric Association. Calgary, September 1997.

Symposium on “Endogenous Opioids and the Risk for Alcoholism” Annual Meeting of the Research Society on Alcoholism. Hilton Head Island, South Carolina, June 1998.

Alcohol Research Center of the National Public Health Institute. Helsinki Finland Research Seminars, August 1998.

Department of Pharmacology and Experimental Therapeutics, Queen’s University, Kingston, Ontario. Research Seminars. January 1999.

Department of Pharmaceutical Biosciences, division of Biological Research and Drug Dependence, University of Uppsala, Uppsala Sweden. Interactions between anabolic androgenic steroids and the endogenous opioid system. January 2002

Brain Awareness Week: Montreal Neurological Institute March 11, 2003
Hooked on Drugs: Brain and alcohol addiction

Neuro at Night Lecture Series: Montreal Neurological Institute. April 22, 2003
Drugs, alcohol and your brain: New ways to understand addiction.

Department of Psychiatry, McGill University: April 1, 2004
HPA-Axis responsivity to stress in the presence and absence of low levels of alcohol as a function of family history of alcoholism and chronic alcohol abuse.

Department of Pharmacology and Toxicology, Queen’s University, Kingston Ontario. September 16, 2004. Responses of the HPA-axis to alcohol may mediate some of its neurobehavioral effects.

The Pharmacology, Biochemistry and Behavior Conference. Symposium on: “Alcohol and Cognitive Deficits and/or Stress/Glucocorticoids” January 8-14, 2006; Morzine, France.

Does alcohol alter the perception of stress? Impact of family history. January 11, 2006

International Society of Biomedical Research and Alcoholism (ISBRA) 2006 world Congress. Symposium on “Pharmacological Targets for Treatment of Alcoholism: Basic Studies”. September 9-14, 2006; Sidney Australia. Opioid Systems in Addiction to Alcohol. September 11, 2006.

Symposium on “Molecular mechanisms in Addiction” Organized by The University of Kuopio. September 21, 2007. Helsinki Finland. “Opioid Peptide Systems in Addiction to Alcohol”.

Department of Psychiatry, University of Montreal, Centre de Recherche Fernand-Seguin.
December 2007 “Evidence of the implication of the Endogenous Opioid Peptide Systems
in Alcohol Addiction”

Christina Gianoulakis. Pharmacodynamics of Alcohol and Opioids: Pathways to
Addiction and Euphoria. Symposium on “Pharmacology and Pharmacodynamics of
Alcohol-Opioid Co-Ingestion”. Conference on Co-Ingestion of Alcohol with Prescription
Opioids. Tufts Health Care Institute Program on Opioid Risk Management. Boston,
Massachusetts USA, November 20, 2008

Christina Gianoulakis Opioid pathways to alcohol addiction. Presented in the
Symposium on: “Neuronal signalling mechanisms in alcohol addiction”. The 12th
Congress of European Society for Biomedical Research on Alcoholism (ESBRA),
Helsinki, Finland, June 7-10, 2009.

GRANTS RECEIVED:

Source and Grant Description	Investigator(s)	Amount and Years of Support
University of Toronto, New Staff Grant 1980 Implication of the endogenous opiate system on morphine and alcohol addiction.	C. Gianoulakis	\$ 3,000
J.P. Bickel Foundation of Ontario 1981 Implication of the endogenous opiate system on morphine and alcohol addiction.	C. Gianoulakis	\$ 11,690
MRC Scholar Outright Research Allowance 1981 Alcohol and morphine addiction as related to The endogenous opioid system. Addicted Mother, fetal and neonatal consequences.	C. Gianoulakis	\$ 10,000
Medical Research Council of Canada 1981-1983 Alcohol and morphine addiction as related to the endogenous opiate system. Addicted mother fetal and neonatal consequences.	C. Gianoulakis	\$ 57,300 \$ 69,000 1983-1985 \$ 94,000 1985-1987 \$ 184,000 1987-1991
McGill University, New Staff Grant 1983 Implication of the endogenous opiate system on morphine and alcohol addiction	C. Gianoulakis	\$ 5,000
W.G. Stairs Memorial Fund 1983 Implication of the endogenous opiate system on morphine and alcohol addiction.	C. Gianoulakis	\$ 4,000
W.G. Stairs Memorial Fund 1984 Diurnal rhythms and the effects of alcohol on hormones and neurotransmitters in Vervet monkeys.	C. Gianoulakis S. Young F.R. Ervin S. Gauthier R. Palmour	\$ 5,000

MRC Equipment Grant 1983-1984	C. Gianoulakis	\$ 25,000
High Performance Liquid Chromatography System.	S. Young R. Palmour R. Dent	

Source and Grant Description	Investigator(s)	Amount and Years of Support	
MRC Equipment Grant 1985 Speed-Vac Concentrator-Evaporator System.	C. Gianoulakis	\$ 13,035	
Federal Government Employment and 1985 Immigration Summer Challenge Program, to hire undergraduate students to work in projects related to alcohol research	C. Gianoulakis	\$ 2,000	
		\$ 2,000	1986
		\$ 3,000	1987
Alcohol Research Program at Douglas 1985-1987 Hospital. Implication of the endogenous opioid system on the genetic predisposition to alcoholism. Basic and clinical studies.	C. Gianoulakis	\$ 10,000	
		\$ 25,000	1987-1988
		\$ 30,000	1989-1990
		\$ 30,000	1991-1993
Quebec-Ontarion Exchange Program. 1989-1990 Travel funds for a student to visit and Work in a research laboratory in Ontario (Mr J.P. de Waele visited the laboratory of Dr. S. Lemaire)	C. Gianoulakis	\$ 1,400	
Alcoholic Beverage Medical Research 1992-1994 Foundation (USA). Ethanol and stress interactions at the level of the hypothalamic-pituitary-adrenal axis and pituitary B-endorphin of subjects at high and low risk for alcohol abuse.	C. Gianoulakis	\$ 72,500	
Natural Sciences and Engineering Research 1993-1997 Council of Canada (NSERC) Implication of the endogenous opioid system in the genetic predisposition to alcoholism	C. Gianoulakis	\$ 88,000	
National Institute of Health (NIH) USA 1994-1997 Effects of prenatal ethanol on the	C. Gianoulakis	\$ 101,270 (US currency)	

B-endorphin systems

Natural Sciences and Engineering Research C. Gianoulakis
Summer 1994

\$ 9,000

Council of Canada

\$ 3,000 Summer 1995

Summer Support for undergraduate students

Selected by NSERC.

Source and Grant Description	Investigator(s)	Amount and Years of Support
Medical Research Council of Canada 1994-1995	C. Gianoulakis	\$ 87,000
Multiuser Equipment Grant	R. Quirion P. Boksa M. Meaney J. Poirier L. Shrivastava S. Welner	
National Health Research and Development 1995-1999	C. Gianoulakis	\$336,920
Program (NHRDP) of Canada. Operating Grant State and trait markers of alcoholism.	M. Dongier R. Palmour R. Tremblay	
Medical Research Council of Canada 1996-1999	C. Gianoulakis	\$ 174,800
Effect of ethanol and stress on the response of the hypothalamic-pituitary-adrenal axis and pituitary B-endorphin of unaffected subjects at high and low risk for alcoholism.		
Alcoholic Beverage Medical Research 1999-2001	C. Gianoulakis	\$ 95,976
Foundation. Circadian cycles of B-endorphin, ACTH and cortisol in subjects at high and low risk for alcoholism: Effects of alcohol challenge in the afternoon.		
Natural Sciences and Engineering Research 1997-2003	C. Gianoulakis	\$ 183,555
Council of Canada (NSERC) Implication of the endogenous opioid system in the genetic predisposition to alcoholism		
Natural Sciences and Engineering Research 1999-2000	C. Gianoulakis	\$ 49,836
Council of Canada (NSERC).		

Equipment grant

In vivo microdialysis system for freely moving animals to study the implication of the endogenous opioid system in alcohol reinforcement.

Medical Research Council of Canada 1999-2003 Alcoholism, central opioid activity and stress responses.	C. Gianoulakis	\$ 284,850
FRSQ: Programme de valorisation de 4 years Recherche at essais cliniques et pharmacologiques en sante mentale. (projet No 2200-061)	Coordinators Dr.R. Quirion and Dr. M. Dongier Participation of 23 researchers including C. Gianoulakis	\$ 1 903 775 /
Fonds quebecois de la recherche sur la nature et les technologies. Programme d'actions concertees FCAR-MTQ-SAAQ Non compliance with mandatory remedial Substance abuse programs for DUI Offences: characteristics of non-adherents And reasons for non-compliance.	P.I. : Thomas G. Brown Co-Investigators : Louise Nadeau; Peter Seraganian; Martin Lepage; Philippe Lageix; Jacques Tremblay; Cristina Redko; Norman Sheilds; Christina Gianoulakis; Francois Ng	\$ 152,960 2002-2004
Fonds quebecois de la recherche sur la nature et les technologies. Programme d'actions concertees FCAR-MTQ-SAAQ Mesures pouvant evaluer la dependance a l'alcool et les autres caracteristiques liees a la recidive chez des contrevenants primaries	Principal Investigator Louise Nadeau Co-Investigators : Thomas Brown; Martin Lepage Christina Gianoulakis; Francois Ng	\$ 100,000 2002-2004
Natural Sciences and Engeneering 152,000 Research Council of Canada. Implication of the endogenous opioid system in the genetic predisposition to alcoholism.	C. Gianoulakis	\$ 2003-2007
Canadian Institutes on Health Research 561,745	C. Gianoulakis	\$

Alcoholism, central opioid activity and stress responses as a function of family history and gender. 2003-2008

Canadian Institutes on Health Research T. Brown (P.I.) \$ 119,879
Towards biopsychosocial correlates of 2006-2008
severe forms of driving under
the influence

Currently Held

Natural Sciences and Engineering C. Gianoulakis \$
199,695
Research Council of Canada. 2007-2012
Implication of the endogenous opioid
system in the genetic predisposition
to alcoholism.

Collaborative Research Program between P.I. in Finland: Kalervo Kiianmaa
CIHR (Institute of Neuroscience Mental Health Co-applicants: Liisa Ahtee;
and Addictions-INMHA) and The Academy of Euro Castren
Finland.

Brain Opioidergic Systems and Neurobehavioral P.I in Canada : Christina Gianoulakis
Sensitization in Addiction to Alcohol.
CIHR: April 1, 2007 to March 31, 2010 CDN \$ 60,000
Finland Academy: January 1, 2007 to December 31, 2010 Euro 604,175/year

Canadian Institutes of Health Research T. G. Brown \$ 1654497.00
Team Grant: Substance Abuse Prevention M-C Ouimet (2009-2014)
and Treatment L. Nadeau
CIHR Team in transdisciplinary studies in
DWI onset, persistence, prevention and treatment

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BOOK CHAPTERS

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Tremblay J., Brown T.G., **Gianoulakis C.**, Seraganian P., Nadeau L., Lepage M. Predicting DUI recidivism. **Annual Meeting of the Canadian Psychiatric Association,** Montreal, June 11, 2005.

Katopodis A., Thavundayil J., Bai L., **Gianoulakis C.** Differences in the response of the HPA-axis to a low and high dose of alcohol between male and female participants without a family history of alcoholism. **Annual Meeting of the Research Society on Alcoholism.** Santa Barbara, CA. June 25-30, 2005.

Marinelli P.W., Bai L., Quirion R. and **Gianoulakis C.** A microdialysis profile of dynorphin release in the rat nucleus accumbens following alcohol administration. **Annual Meeting of the Research Society on Alcoholism.** Santa Barbara, CA. June 25-30, 2005.

Katopodis A., Thavundayil J., Bai L., **Gianoulakis C.** Gender differences in the response of the HPA-axis to stress in the presence and absence of alcohol. **36th Annual Conference of the International Society of Psychoneuroendocrinology.** Montreal September 24-27, 2005.

Brown T.G., Nadeau L., Gianoulakis C., Dongier M., Tremblay J., Lepage M., Ng Ying Kin N.M., and Quimet M.C. Alcoholism Typologies Reflected in Severe Forms of DWI. **International Conference on Alcohol and Addiction,** Budapest, Hungary, November 27, 2005.

Gianoulakis C. Does alcohol alter the perception of stress? Impact of family history. Invited presentation in the symposium "Alcohol and Cognitive Deficits and/or Stress/Glucocorticoids. **The Pharmacology, Biochemistry and Behaviour Conference.** Morzine, France January 8-14, 2006.

Lam M.P., Bai L., Marinelli P.W., **Gianoulakis C.** Effect of alcohol on the release of endogenous opioid peptides in the central amygdala: an in vivo microdialysis study. **Annual Meeting of the Research Society on Alcoholism.** Baltimore U.S.A, June 24-29, 2006.

Jarjour S.J., **Gianoulakis C.** Acute ethanol exposure alters the levels of opioid peptides in the VTA of the rat. **Annual Meeting of the Research Society on Alcoholism.** Baltimore U.S.A, June 24-29, 2006.

Gianoulakis C. Opioid Systems in Addiction to Alcohol. Invited presentation in the symposium "Pharmacological targets for treatment of alcoholism: basic studies" **The International Society of Biomedical Research on Alcoholism (ISBRA) World Congress.** Sidney, Australia September 9-14, 2006.

Couture S., Brown T.G., **Gianoulakis C.**, Ouimet M.-C., Cortisol Reactivity of Recidivist Driving Under the Influence of Alcohol. **The International Society of Biomedical Research on Alcoholism (ISBRA) World Congress.** Sidney, Australia September 9-14, 2006.

Lam M.P., Marinelli P.W., Bai L., **Gianoulakis C.** Acute alcohol influences the release of opioid peptides in central amygdala : an in vivo microdialysis study. **Annual meeting of Canadian College of Neuro-Psychopharmacology.** Banff, Alberta, Canada June 15-18, 2007.

Minh Lam, Kalervo Kiiianmaa, **Christina Gianoulakis**. The effect of acute ethanol on opioid peptide release in the nucleus accumbens of alcohol-preferring AA and alcohol-avoiding ANA rats. **2nd Annual Canadian Neuroscience Meeting**. Montreal, May 25-28, 2008

Minh Lam, Kalervo Kiiianmaa, **Christina Gianoulakis**. The effect of acute ethanol on β -endorphin release in the nucleus accumbens of selectively-bred lines of alcohol-preferring AA and alcohol-avoiding ANA rats. **Annual Meeting of the Society for Neuroscience**, Washington DC, November 15-19, 2008.

Christina Gianoulakis. Pharmacodynamics of Alcohol and Opioids: Pathways to Addiction and Euphoria. Symposium on “Pharmacology and Pharmacodynamics of Alcohol-Opioid Co-Ingestion”. **Conference on Co-Ingestion of Alcohol with Prescription Opioids**. Tufts Health Care Institute Program on Opioid Risk Management. Boston, Massachusetts USA, November 20, 2008

Minh Lam, Li Bai and **Christina Gianoulakis** Effects of corticotrophin-releasing hormone receptor antagonists on ethanol-induced opioid peptide release in the central amygdala. **Annual Meeting of the Research Society on Alcoholism**. San Diego, California, USA, June 20-24, 2009.

Christina Gianoulakis Opioid pathways to alcohol addiction. Presented in the Symposium on: “Neuronal signalling mechanisms in alcohol addiction”. **The 12th Congress of European Society for Biomedical Research on Alcoholism (ESBRA)**, Helsinki, Finland, June 7-10, 2009.