RESEARCH GRANTS AND AWARDS
2003-2004

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Biomedical Research Grants

Gabrielle Boulianne  
Hospital for Sick Children  
**Genetic Modifiers of Presenilins**  
Continuing - $240,000  
This project is funded through the ASC/CIHR Rx&D/AstraZeneca Biological Mechanisms and Treatment of Alzheimer Disease Grants Program.

Edith Hamel  
McGill University  
**The Role of Inflammation in Cerebrovascular and Neuronal Dysfunctions associated with Alzheimer's Disease**  
Continuing - $150,000

Satyabrata Kar  
Douglas Hospital Research Centre  
**Structural and functional implications of insulin-like growth factor-II/Mannose-6 phosphate receptor in Alzheimer’s Disease Pathology**  
New - $148,530

James McLarnon  
University of British Columbia  
**Mechanisms and modulations of calcium dependent signaling in amyloid-beta stimulated and Alzheimer's disease human microglia**  
New - $202,830 This project is funded through the ASC/CIHR Rx&D/AstraZeneca Biological Mechanisms and Treatment of Alzheimer Disease Grants Program.

Judes Poirier  
Douglas Hospital Research Centre  
**HMG CoA reductase: A novel candidate gene for sporadic Alzheimer's disease II**  
Continuing - $240,000 This project is funded through the ASC/CIHR Rx&D/AstraZeneca Biological Mechanisms and Treatment of Alzheimer Disease Grants Program.

Arvi Rauk  
University of Calgary  
**Investigations into the Chemical and Biochemical Basis of Alzheimer’s Disease**  
New - $128,420

Jane Rylett  
John P. Robarts Research Institute  
**Mechanisms involved in short-term regulation of cholinergic neuron function by amyloid peptides**
New - $232,000
This project is funded through the ASC/CIHR Rx&D/AstraZeneca Biological Mechanisms and Treatment of Alzheimer Disease Grants Program.

**Nabil Seidah**
Clinical Research Institute of Montreal
**BACE I Interactors/Substrates and its Shedding**
New - $150,000

**Biomedical Young Investigator Grants**
This program receives support from the Institute of Aging (CIHR) and the Alzheimer Society of Saskatchewan.

**Karine Auclair**
McGill University
**Studies on the Inhibition of the Antioxidant Protein Heme Oxygenase by Amyloid-beta Proteins and Amyloid-beta Peptides**
New - $50,000

**Steffany Bennett**
University of Ottawa
**Targeting downstream effectors of beta-amyloid-induced neuronal loss**
New - $50,000

**Biomedical Postdoctoral Awards**
This program receives support from the Institute of Aging (CIHR).

**Frederick Manseau**
Douglas Hospital Research Centre
**Effects of the pro-inflammatory cytokine IL-1 on neurogenesis and integration of newly generated neurons in the hippocampus: New insights on the inflammatory process in Alzheimer Disease**
New - $83,000

**Janice Mayne**
Clinical Research Institute of Montreal
**BACE I Interactors/Substrates and its Shedding**
New - $83,000
Biomedical Doctoral Awards

This program receives support from the Institute of Aging (CIHR).

**Lina Mussallam**
Lady Davis Institute

*Endoplasmic Reticulum Stress-mediated cell death in Primary Cultures of Human Neurons*

New - $83,000

**Michael Carter**
Dalhousie University

*Design, synthesis and evaluation of anti-amyloidogenic compounds for the treatment of Alzheimer’s disease*

New - $41,060

**Sonia Franciosi**
University of British Columbia

*Beta-amyloid-induced intracellular signaling and functional responses in cultured human microglia*

Continuing - $20,530

**Diego Garzon**
McMaster University

*Establishing the link: Alzheimer’s disease beta-amyloid deposition and its effects on transcription of brain-derived neurotrophic factor in human*

New - $41,060

**Paul Gorman**
University of Toronto

*Aggregation pathways of the Alzheimer amyloid peptide*

New - $41,060

**Cheryl Hawkes**
Douglas Hospital Research Centre

*Functional implication of the Insulin-like growth factor-II/Mannose-6-phosphate receptor in the regulation of central cholinergic and Alzheimer’s disease pathology*

Recipient of the 2003 Dr. and Mrs. Albert Spatz Doctoral Award

Recipient of the Claude P. Beaubien Award of Excellence

New - $41,060

**Sebastien Herbert**
Universite Laval

*Structural and Functional Analysis of Presenilin-1*

New - $41,060
Social & Psychological Research Grants

**Therese Audet**
Universite de Sherbrooke
**Dementia and Road Safety: Awareness of Driving Difficulties and Self-Regulation Strategies for Driving**
New - $80,408

**Sandra Black**
Sunnybrook & Women’s College Health Sciences Centre
**Alzheimer Disease With and Without Subcortical Ischemic Vasculopathy: A Quantitative Brain Imaging-Behavior Study**
New - $150,000

**Paul Fortier**
University of Manitoba
**Formation and Analysis of a Senile Dementia database of French writings, 1789-1964**
New - $63,531

**Natalie Phillips**
Lady Davis Institute
**Executive control of attention in Alzheimer's disease and mild cognitive impairment**
New - $113,478

**Bryna Shatenstein**
Institut universitaire de geriatrie de Montreal
**Natural progression of undernutrition in elderly persons in the early stages of Alzheimer's dementia**
New - $140,288

**Souraya Sidani**
University of Toronto
**Evaluating the Effectiveness of the Abilities-Focused Approach to Morning Care**
New - $185,360
This project is funded through the ASC/Canadian Nurses Foundation (through the Canadian Health Services Research Foundation Nursing Care Partnership grant) Caregiving Research Program.
Jeff Small
University of British Columbia
Communication Intervention for Family Caregivers of Persons with Alzheimer’s Disease: A Pilot Study
New - $32,038
This project is funded through the ASC/Canadian Nurses Foundation (through the Canadian Health Services Research Foundation Nursing Care Partnership grant) Caregiving Research Program.

Esther Strauss
University of Victoria
Inconsistency in cognitive performance as a predictor of functional decline in dementia
New - $95,688

Angela Troyer
Baycrest Centre for Geriatric Care
Memory and Lifestyle Intervention for Mild Cognitive Impairment
New - $103,014

Social & Psychological Young Investigator Grants
This program receives support from the Institute of Aging (CIHR) and the Alzheimer Society of Saskatchewan.

Normand Carpentier
Institut universitaire de geriatrie de Montreal
Transformation of the Support Network of Caregivers for the Elderly with Alzheimer Type Dementia
New - $49,766

Christopher Janus
University of Toronto
Impairment in working (short-term) and reference (long-term) spatial memory systems in transgenic amyloid precursor protein (APP) mice
New - $50,000
Social & Psychological Postdoctoral Awards

This program receives support from the Institute of Aging (CIHR).

Christian Bocti
Sunnybrook & Women’s College Health Sciences Centre
**Dysexecutive syndrome in early Alzheimer Disease: role of subcortical ischemic co-morbidity**
New - $102,000

Carol Hudon
Institut universitaire de geriatrie de Montreal
**Early Detection of Alzheimer’s Disease through Characterization of Episodic Memory Disorders and Recording of Cognitive Recall Potentials in Patients with Mild Cognitive Impairments**
New - $83,000

Social & Psychological Doctoral Awards

This program receives support from the Institute of Aging (CIHR).

Patrick Gadais
University Laval
**Alzheimer Digital Transpositions in Subjects with Alzheimer’s Type Dementia**
New - $41,060

Dalia Gottlieb-Tanaka
University of British Columbia
**Creativity and Dementia**
New - $41,060

Jennifer Klages
Dalhousie University
**Magnetic Resonance Spectroscopy and Neuropsychological Test Performance in Persons with Mild Alzheimer Disease and Mild Vascular Cognitive Impairment**
New - $20,530

Megan O’Connell
University of Victoria
**The Effects of Correcting for Bias on the Sensitivity and Specificity of Diagnostic and Screening Measures for Dementia**
New - $41,060
Jacinthe Savard
Universite de Montreal
Use of Day Center Services by People Suffering from Dementia and their Caregivers
New - $20,530

Jamie Williams
University of Regina
Fear of Falling Among Informal Caregivers of Seniors Diagnosed with Dementia
New - $41,060